Package 'flourishcharts'

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Title 'Flourish' for 'R' and 'Python'

Version 1.0.0.3

Description Interactive data visualization for data practitioners. 'flourishcharts' allows users to visualize their data
using 'Flourish' graphs that are grounded in data storytelling principles. Users can create racing bar & line
charts, as well as other interactive elements commonly found in 'D3' graphics, easily in 'R' and 'Python'.
The package relies on an enterprise API provided by 'Flourish', a data visualization platform <https://developers.flourish.studio/api/introduction/>.

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Language en

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here

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https://github.com/canva-public/flourishcharts

BugReports https://github.com/canva-public/flourishcharts/issues

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VignetteBuilder knitr

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`bind_audio_data` *Bind audio data*

Description

Bind audio data

Usage

```
bind_audio_data(
  .,
  data = NULL,
  url = NULL,
  title = NULL,
  subtitle = NULL,
  filter = NULL,
  url_input_format = NULL,
```

```
  url_output_format = NULL,
  subtitle_input_format = NULL,
  subtitle_output_format = NULL,
  title_input_format = NULL,
  title_output_format = NULL,
  filter_input_format = NULL,
  filter_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
url	Audio URL. The URL of a publicly readable MP3 file. Suggested data type hints: string. Flourish type hint: column
title	Audio title. Suggested data type hints: string. Flourish type hint: column
subtitle	Audio subtitle. Suggested data type hints: string. Flourish type hint: column
filter	Filter. Suggested data type hints: string, number. Flourish type hint: column
url_input_format	Formats/parses dates, strings, and numbers for the url column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
url_output_format	Formats/parses dates, strings, and numbers for the url column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
subtitle_input_format	Formats/parses dates, strings, and numbers for the subtitle column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
subtitle_output_format	Formats/parses dates, strings, and numbers for the subtitle column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`title_input_format`

Formats/parses dates, strings, and numbers for the title column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`title_output_format`

Formats/parses dates, strings, and numbers for the title column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_input_format`

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_output_format`

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "audio", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_audio_data(gapminder)
)
```

`bind_bar_chart_race_data` *Bind bar chart race data*

Description

Bind bar chart race data

Usage

```
bind_bar_chart_race_data(
  .,
  data = NULL,
  captions_data = NULL,
  label = NULL,
  values = NULL,
  category = NULL,
  image = NULL,
  captions_from = NULL,
  captions_to = NULL,
  captions_text = NULL,
  captions_image = NULL,
  captions_image_input_format = NULL,
  captions_image_output_format = NULL,
  captions_text_input_format = NULL,
  captions_text_output_format = NULL,
  captions_to_input_format = NULL,
  captions_to_output_format = NULL,
  captions_from_input_format = NULL,
  captions_from_output_format = NULL,
  category_input_format = NULL,
  category_output_format = NULL,
  image_input_format = NULL,
  image_output_format = NULL,
  label_input_format = NULL,
  label_output_format = NULL,
  values_input_format = NULL,
  values_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
captions_data	Captions data.
label	Label. A column containing the names of the bars, e.g. countries or people. Suggested data type hints: string. Flourish type hint: column
values	Values. Multiple columns of numbers, each column representing a point in time Suggested data type hints: number. Flourish type hint: columns
category	Categories. Optional category column to color the bars Make sure the Color mode setting is set to By Category in the Bar colors settings panel. Suggested data type hints: string. Flourish type hint: column

`image` Image. Optional column with URLs of images. Suggested data type hints: string. Flourish type hint: column

`captions_from` Time to show. Must match the column headers in the main data sheet. Suggested data type hints: string, datetime. Flourish type hint: column

`captions_to` Time to hide. Must match the column headers in the main data sheet. Suggested data type hints: string, datetime. Flourish type hint: column

`captions_text` Text. Text or HTML to show. Suggested data type hints: string. Flourish type hint: column

`captions_image` Image. Image to show. Add an image URL or right-click on a cell to upload an image. Suggested data type hints: string. Flourish type hint: column

`captions_image_input_format`
Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_image_output_format`
Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_text_input_format`
Formats/parses dates, strings, and numbers for the text column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_text_output_format`
Formats/parses dates, strings, and numbers for the text column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_to_input_format`
Formats/parses dates, strings, and numbers for the to column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your

data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_to_output_format`
: Formats/parses dates, strings, and numbers for the to column. If string: any arbritrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_from_input_format`
: Formats/parses dates, strings, and numbers for the from column. If string: any arbritrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_from_output_format`
: Formats/parses dates, strings, and numbers for the from column. If string: any arbritrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`category_input_format`
: Formats/parses dates, strings, and numbers for the category column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`category_output_format`
: Formats/parses dates, strings, and numbers for the category column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`image_input_format`
: Formats/parses dates, strings, and numbers for the image column. If string: any

arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`image_output_format`

Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`label_input_format`

Formats/parses dates, strings, and numbers for the label column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`label_output_format`

Formats/parses dates, strings, and numbers for the label column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`values_input_format`

Formats/parses dates, strings, and numbers for the values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`values_output_format`

Formats/parses dates, strings, and numbers for the values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "bar_race", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_bar_chart_race_data(gapminder)
)
```

`bind_bubble_chart_data` *Bind bubble chart data*

Description

Bind bubble chart data

Usage

```
bind_bubble_chart_data(
  .,
  data = NULL,
  label = NULL,
  color = NULL,
  size = NULL,
  axis_values = NULL,
  image = NULL,
  metadata = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
label	Label
color	Color by. Used to color the bubbles. Flourish type hint: column
size	Size by. Value for bubble size. Flourish type hint: column
axis_values	Axis values. Values used to plot the bubbles when the bubbles are aligned on an axis. Flourish type hint: column
image	Image. Images for bubbles. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in custom popups and panels Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "bubble", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_bubble_chart_data(gapminder)
)
```

`bind_calculator_data` *Bind calculator data*

Description

Bind calculator data

Usage

```
bind_calculator_data(
  .,
  questions_data = NULL,
  question_text = NULL,
  question_type = NULL,
  context_text = NULL,
  image = NULL,
  answers_raw = NULL,
  fallback_value = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
questions_data	Questions data.
question_text	Question text. The question text. Flourish type hint: column
question_type	Question type. The type of question. Choose from number input, text input, single response buttons, multi response buttons, dropdown, single date picker, range date picker, multi date picker, rating, single slider or range slider. Leave empty to just display text. Flourish type hint: column
context_text	Question context. Additional information. Flourish type hint: column
image	Image. Question background image. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
answers_raw	Answers. Answer values separated by "::". Required for single and multi-response buttons, dropdown and rating questions. Rating answers can take optional labels per value noted as "Value » Label" - for example, "1 » Bad :: 2 :: 3 » Good". Number inputs can take range specifications in the format "min: 0 :: max: 50 :: step: 2". Slider inputs can take slider specifications in the format "min: 0 :: max: 100 :: value: 10". Use two comma separated values for range sliders, eg.: "value: 1, 100". See the templates documentation for additional info. Flourish type hint: column

`fallback_value` Fallback value. Fallback value to fill the answer input if left empty by the user. Works for all question types but sliders, which will always show the initial value. Flourish type hint: column

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "calculator", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_calculator_data(gapminder)
)
```

`bind_cards_data` *Bind cards data*

Description

Bind cards data

Usage

```
bind_cards_data(
  .,
  cards_data = NULL,
  title = NULL,
  image = NULL,
  category = NULL,
  subtitle = NULL,
  text = NULL,
  audio = NULL,
  filter = NULL,
  metadata = NULL,
  audio_input_format = NULL,
  audio_output_format = NULL,
  category_input_format = NULL,
  category_output_format = NULL,
  filter_input_format = NULL,
  filter_output_format = NULL,
  image_input_format = NULL,
  image_output_format = NULL,
  metadata_input_format = NULL,
  metadata_output_format = NULL,
  subtitle_input_format = NULL,
  subtitle_output_format = NULL,
  text_input_format = NULL,
```

```
  text_output_format = NULL,
  title_input_format = NULL,
  title_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
cards_data	Cards data.
title	Title. Suggested data type hints: string. Flourish type hint: column
image	Image. Suggested data type hints: string. Flourish type hint: column
category	Categories. Optional category column to color the cards. Suggested data type hints: string. Flourish type hint: column
subtitle	Subtitle. Suggested data type hints: string. Flourish type hint: column
text	Text. Suggested data type hints: string. Flourish type hint: columns
audio	Audio. Add an audio file to the card, which will play when the card is clicked. This will disable popup behavior. Suggested data type hints: string. Flourish type hint: column
filter	Filter. Suggested data type hints: string, number, datetime. Flourish type hint: column
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in custom popups and panelsSuggested data type hints: string, number, datetime. Flourish type hint: columns
audio_input_format	Formats/parses dates, strings, and numbers for the audio column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
audio_output_format	Formats/parses dates, strings, and numbers for the audio column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
category_input_format	Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`category_output_format`

Formats/parses dates, strings, and numbers for the category column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_input_format`

Formats/parses dates, strings, and numbers for the filter column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_output_format`

Formats/parses dates, strings, and numbers for the filter column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`image_input_format`

Formats/parses dates, strings, and numbers for the image column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`image_output_format`

Formats/parses dates, strings, and numbers for the image column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_input_format`

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma',

'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_output_format`
: Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`subtitle_input_format`
: Formats/parses dates, strings, and numbers for the subtitle column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`subtitle_output_format`
: Formats/parses dates, strings, and numbers for the subtitle column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`text_input_format`
: Formats/parses dates, strings, and numbers for the text column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`text_output_format`
: Formats/parses dates, strings, and numbers for the text column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers

or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`title_input_format`
: Formats/parses dates, strings, and numbers for the title column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`title_output_format`
: Formats/parses dates, strings, and numbers for the title column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "cards", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_cards_data(gapminder)
)
```

---

bind_chord_diagram_data

Bind chord diagram data

Description

Bind chord diagram data

Usage

```
bind_chord_diagram_data(
  .,
  connections_data = NULL,
  source = NULL,
  target = NULL,
  value = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
connections_data	Connections data.
source	Source
target	Target
value	Value. A number specifying the size of the flow. Flourish type hint: column

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "chord_diagram", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_chord_diagram_data(gapminder)
)
```

---

bind_draw_the_line_data

Bind draw the line chart data

Description

Bind draw the line chart data

Usage

```
bind_draw_the_line_data(
  .,
  data = NULL,
  x = NULL,
  lines_reveal = NULL,
  lines_fixed = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
x	Time (x axis). Labels for the X axis. Flourish type hint: column
lines_reveal	Lines reveal
lines_fixed	Lines fixed

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "draw_the_line", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_draw_the_line_data(gapminder)
)
```

---

bind_election_results_chart_data

Bind election results chart data

Description

Bind election results chart data

Usage

```
bind_election_results_chart_data(
  .,
  values_now_data = NULL,
  values_historical_data = NULL,
  values_now_name = NULL,
  values_now_values = NULL,
  values_historical_name = NULL,
  values_historical_values = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
values_now_data	Values now data.
values_historical_data	Values historical data.
values_now_name	Region name. The name of the data series (eg. voting district). Flourish type hint: column
values_now_values	Results by party. One column per party, with party names as header rows. Flourish type hint: columns
values_historical_name	Region name. The name of the data series (eg. voting district). Flourish type hint: column

values_historical_values
: Results by party. One column per party, with party names as header rows. Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "election_results", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_election_results_chart_data(gapminder)
)
```

---

bind_gantt_data *Bind gantt chart data*

Description

Bind gantt chart data

Usage

```
bind_gantt_data(
  .,
  gantt_data = NULL,
  start_date = NULL,
  end_date = NULL,
  task = NULL,
  grouping = NULL,
  color = NULL,
  progress = NULL,
  filter = NULL,
  metadata = NULL
)
```

Arguments

.
: The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

gantt_data
: Gantt data.

start_date
: Start date

end_date
: End date. The end date or time of the event. If working with days, the end date should be the first day after the end date. So if your event stretches from 1/1. and ends on the 5/1. your end date should be 6/1. This will mean your Gantt bar will stretch across the last day of your project or task. Flourish type hint: column

task	Task
grouping	Group. Select a categorical column to combine bars into groups on the Y axis. Flourish type hint: column
color	Color category. Select a categorical column; each unique value in the column will become a color. Flourish type hint: column
progress	Progress. Requires a number column with values between 0 and 1, representing the progress from 0 to 100%. Flourish type hint: column
filter	Filter. If set, creates a filter menu or time slider. Flourish type hint: column
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panelsFlourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "gantt", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_gantt_data(gapminder)
)
```

---

bind_gauge_data *Bind gauge data*

Description

Bind gauge data

Usage

```
bind_gauge_data(
  .,
  data = NULL,
  name = NULL,
  value = NULL,
  name_input_format = NULL,
  name_output_format = NULL,
  value_input_format = NULL,
  value_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
name	Name
value	Value. One or more columns of numbers. Flourish type hint: columns
name_input_format	Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
name_output_format	Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
value_input_format	Formats/parses dates, strings, and numbers for the value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
value_output_format	Formats/parses dates, strings, and numbers for the value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "gauge", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_gauge_data(gapminder)
)
```

`bind_hierarchy_data` *Bind hierarchy data*

Description

Bind hierarchy data

Usage

```
bind_hierarchy_data(
  .,
  data = NULL,
  nest_columns = NULL,
  size_columns = NULL,
  filter = NULL,
  popup_metadata = NULL,
  nest_columns_input_format = NULL,
  nest_columns_output_format = NULL,
  filter_input_format = NULL,
  filter_output_format = NULL,
  popup_metadata_input_format = NULL,
  popup_metadata_output_format = NULL,
  size_columns_input_format = NULL,
  size_columns_output_format = NULL
)
```

Arguments

`.`	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
`data`	Data.
`nest_columns`	Categories/nesting. Choose one or more categorical columns to nest by. The data is nested in the same order as the chosen columns (e.g. C, B is different from B, C). Suggested data type hints: string. Flourish type hint: columns
`size_columns`	Size by. Optionally choose one or more numeric columns to size by. If more than one is chosen, a dropdown will appear in the visualization which lets the user choose. Rows with negative values are excluded. Suggested data type hints: number. Flourish type hint: columns
`filter`	Filter. Optionally choose a categorical column to filter by. Suggested data type hints: string, number, datetime. Flourish type hint: column
`popup_metadata`	Info for popups. One or more columns of information (text, image URLs , embedded charts etc) to include in popups and panels Suggested data type hints: string, number, datetime. Flourish type hint: columns

`nest_columns_input_format`

Formats/parses dates, strings, and numbers for the nest_columns column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`nest_columns_output_format`

Formats/parses dates, strings, and numbers for the nest_columns column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_input_format`

Formats/parses dates, strings, and numbers for the filter column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_output_format`

Formats/parses dates, strings, and numbers for the filter column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`popup_metadata_input_format`

Formats/parses dates, strings, and numbers for the popup_metadata column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish

to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`popup_metadata_output_format`
: Formats/parses dates, strings, and numbers for the popup_metadata column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`size_columns_input_format`
: Formats/parses dates, strings, and numbers for the size_columns column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`size_columns_output_format`
: Formats/parses dates, strings, and numbers for the size_columns column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "treemap", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_hierarchy_data(gapminder)
)
```

---

bind_horserace_data *Bind line chart race data*

Description

Bind line chart race data

Usage

```
bind_horserace_data(
  .,
  horserace_data = NULL,
  captions_data = NULL,
  horserace_name = NULL,
  horserace_stages = NULL,
  horserace_category = NULL,
  horserace_pic = NULL,
  horserace_filter = NULL,
  captions_from = NULL,
  captions_to = NULL,
  captions_text = NULL,
  captions_image = NULL,
  captions_image_input_format = NULL,
  captions_image_output_format = NULL,
  captions_to_input_format = NULL,
  captions_to_output_format = NULL,
  captions_from_input_format = NULL,
  captions_from_output_format = NULL,
  captions_text_input_format = NULL,
  captions_text_output_format = NULL,
  horserace_category_input_format = NULL,
  horserace_category_output_format = NULL,
  horserace_filter_input_format = NULL,
  horserace_filter_output_format = NULL,
  horserace_pic_input_format = NULL,
  horserace_pic_output_format = NULL,
  horserace_name_input_format = NULL,
  horserace_name_output_format = NULL,
  horserace_stages_input_format = NULL,
  horserace_stages_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
horserace_data	Horserace data.
captions_data	Captions data.
horserace_name	Label. The name of each entrant. Suggested data type hints: string. Flourish type hint: column
horserace_stages	Values. Raw scores, which will be automatically converted to ranks. Column names will be used to populate the X axis of the chart. Suggested data type hints: number. Flourish type hint: columns

`horserace_category`
: Color by. Select a column to color the lines by. If omitted, colors will be assigned per name. Suggested data type hints: string. Flourish type hint: column

`horserace_pic`
: Image. Add an image URL or right-click on a cell to upload an image. Suggested data type hints: string. Flourish type hint: column

`horserace_filter`
: Filter. Hide/show entrants based on the values in this column. Suggested data type hints: string, number, datetime. Flourish type hint: column

`captions_from`
: Stage to show. Must match the column headers in the main datasheet. Suggested data type hints: string. Flourish type hint: column

`captions_to`
: Stage to hide. Must match the column headers in the main datasheet. Suggested data type hints: string. Flourish type hint: column

`captions_text`
: Text. Text or HTML to show. Suggested data type hints: string. Flourish type hint: column

`captions_image`
: Image. Image to show. Suggested data type hints: string. Flourish type hint: column

`captions_image_input_format`
: Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_image_output_format`
: Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_to_input_format`
: Formats/parses dates, strings, and numbers for the to column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_to_output_format`
: Formats/parses dates, strings, and numbers for the to column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_from_input_format`
: Formats/parses dates, strings, and numbers for the from column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_from_output_format`

Formats/parses dates, strings, and numbers for the from column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_text_input_format`

Formats/parses dates, strings, and numbers for the text column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_text_output_format`

Formats/parses dates, strings, and numbers for the text column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`horserace_category_input_format`

Formats/parses dates, strings, and numbers for the category column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`horserace_category_output_format`

Formats/parses dates, strings, and numbers for the category column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`horserace_filter_input_format`

Formats/parses dates, strings, and numbers for the filter column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be

useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`horserace_filter_output_format`
: Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`horserace_pic_input_format`
: Formats/parses dates, strings, and numbers for the pic column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`horserace_pic_output_format`
: Formats/parses dates, strings, and numbers for the pic column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`horserace_name_input_format`
: Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`horserace_name_output_format`
: Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`horserace_stages_input_format`
: Formats/parses dates, strings, and numbers for the stages column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`horserace_stages_output_format`
: Formats/parses dates, strings, and numbers for the stages column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "horserace", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_horserace_data(gapminder)
)
```

---

bind_interactive_svg_data

Bind interactive svg data

Description

Bind interactive svg data

Usage

```
bind_interactive_svg_data(
  .,
  data = NULL,
  id = NULL,
  reveal_id = NULL,
  h3 = NULL,
  h4 = NULL,
  content = NULL,
  link = NULL,
  metadata = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
id	ID. A column of IDs of elements in the uploaded SVG file. Flourish type hint: column
reveal_id	Reveal layer. A column to reveal when layer is clicked. Flourish type hint: column
h3	Heading 1. A column containing the main header. Flourish type hint: column
h4	Heading 2. A column containing a secondary header. Flourish type hint: column
content	Content. A column containing text or HTML to display. Flourish type hint: column
link	Link. A URL that can be opened when a layer is clicked. Any reveal layers or popups will be overridden. Flourish type hint: column
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in custom popups and panels Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "interactive_svg", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_interactive_svg_data(gapminder)
)
```

---

bind_line_bar_pie_data

Bind line, bar and pie charts data

Description

Bind line, bar and pie charts data

Usage

```
bind_line_bar_pie_data(
  .,
  data = NULL,
  label = NULL,
  value = NULL,
  facet = NULL,
```

```
  filter = NULL,
  metadata = NULL,
  facet_input_format = NULL,
  facet_output_format = NULL,
  metadata_input_format = NULL,
  metadata_output_format = NULL,
  label_input_format = NULL,
  label_output_format = NULL,
  filter_input_format = NULL,
  filter_output_format = NULL,
  value_input_format = NULL,
  value_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
label	Labels/time. A column of names, numbers or datetimes. Suggested data type hints: string, datetime, number. Flourish type hint: column
value	Values. One or more columns of numbers. The Preferred output format of the first column is used to format values. Suggested data type hints: number. Flourish type hint: columns
facet	Charts grid. If specified and Grid of charts view is on, creates a separate mini chart for each value found in the column. Suggested data type hints: string. Flourish type hint: column
filter	Row filter. Use this column to create a user-facing row control. To create a column filter, use the Series filter option in the settings panel instead. Suggested data type hints: string, datetime, number. Flourish type hint: column
metadata	Info for custom popups. One or more columns of information (text, image URLs , embedded charts etc) to include in custom popups and panels Suggested data type hints: string, datetime, number. Flourish type hint: columns
facet_input_format	Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
facet_output_format	Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_input_format`
: Formats/parses dates, strings, and numbers for the metadata column. If string: any arbritrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_output_format`
: Formats/parses dates, strings, and numbers for the metadata column. If string: any arbritrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`label_input_format`
: Formats/parses dates, strings, and numbers for the label column. If string: any arbritrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`label_output_format`
: Formats/parses dates, strings, and numbers for the label column. If string: any arbritrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_input_format`
: Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_output_format`
: Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`value_input_format`
: Formats/parses dates, strings, and numbers for the value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`value_output_format`
: Formats/parses dates, strings, and numbers for the value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "line", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
```

```
  bind_line_bar_pie_data(gapminder)
)
```

`bind_marimekko_data` *Bind marimekko data*

Description

Bind marimekko data

Usage

```
bind_marimekko_data(
  .,
  data = NULL,
  name = NULL,
  unstacked_value = NULL,
  stacked_values = NULL,
  facet = NULL,
  category = NULL,
  filter = NULL,
  metadata = NULL,
  category_input_format = NULL,
  category_output_format = NULL,
  filter_input_format = NULL,
  filter_output_format = NULL,
  facet_input_format = NULL,
  facet_output_format = NULL,
  metadata_input_format = NULL,
  metadata_output_format = NULL,
  name_input_format = NULL,
  name_output_format = NULL,
  unstacked_value_input_format = NULL,
  unstacked_value_output_format = NULL,
  stacked_values_input_format = NULL,
  stacked_values_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
name	Name
unstacked_value	Unstacked value

`stacked_values` Secondary metric. One or more numeric columns. Each column will form a segment of a stacked bar. Flourish type hint: columns

`facet` Facet

`category` Color category. Suggested data type hints: string. Flourish type hint: column

`filter` Filter by. (Optional) Choose a categorical column to filter by. A dropdown will appear in the visualization. Suggested data type hints: string, number, datetime. Flourish type hint: column

`metadata` Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panels Suggested data type hints: number, string, datetime. Flourish type hint: columns

`category_input_format`
Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`category_output_format`
Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_input_format`
Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_output_format`
Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish

to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`facet_input_format`

Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`facet_output_format`

Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_input_format`

Formats/parses dates, strings, and numbers for the metadata column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_output_format`

Formats/parses dates, strings, and numbers for the metadata column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`name_input_format`

Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`name_output_format`
: Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`unstacked_value_input_format`
: Formats/parses dates, strings, and numbers for the unstacked_value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`unstacked_value_output_format`
: Formats/parses dates, strings, and numbers for the unstacked_value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`stacked_values_input_format`
: Formats/parses dates, strings, and numbers for the stacked_values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`stacked_values_output_format`
: Formats/parses dates, strings, and numbers for the stacked_values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "marimekko", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_marimekko_data(gapminder)
```

```
)
```

`bind_network_graph_data` *Bind network graph data*

Description

Bind network graph data

Usage

```
bind_network_graph_data(
  .,
  links_data = NULL,
  nodes_data = NULL,
  links_source = NULL,
  links_target = NULL,
  links_value = NULL,
  nodes_id = NULL,
  nodes_group = NULL,
  nodes_size = NULL,
  nodes_image = NULL,
  nodes_metadata = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
links_data	Links data.
nodes_data	Nodes data.
links_source	Links source
links_target	Links target
links_value	Size by. A numerical value used to set the thickness of the links. Flourish type hint: column
nodes_id	ID. A unique identifier for each point in the network. If not specified, point information will be extracted from the links sheet. Flourish type hint: column
nodes_group	Color by. A group to which the point belongs. If set, can be used to color the points. Ignored if ID not set. Flourish type hint: column
nodes_size	Size by. A numerical value used to size the points. Ignored if ID not set. Flourish type hint: column
nodes_image	Image. An image to go into the circle. Flourish type hint: column
nodes_metadata	Info for popups. One or more columns of information (text, image URLs , embedded charts etc) to include in popups and panels Ignored if ID not set. Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "network", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_network_graph_data(gapminder)
)
```

---

bind_parliament_chart_data

Bind parliament chart data

Description

Bind parliament chart data

Usage

```
bind_parliament_chart_data(., data = NULL, party = NULL, seats = NULL)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
party	Party
seats	Seats. This should point to the column with election data. Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "parliament", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_parliament_chart_data(gapminder)
)
```

`bind_pictogram_data` *Bind pictogram data*

Description

Bind pictogram data

Usage

```
bind_pictogram_data(
  .,
  data = NULL,
  icons_data = NULL,
  main_category = NULL,
  sub_category = NULL,
  values = NULL,
  icon_id = NULL,
  color = NULL,
  metadata = NULL,
  icons_id = NULL,
  icons_path_string = NULL,
  icons_width = NULL,
  icons_height = NULL
)
```

Arguments

`.`	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
`data`	Data.
`icons_data`	Icons data.
`main_category`	Main category. The (categorical) column that defines the categories along the main axis. Flourish type hint: column
`sub_category`	Subcategory. The (categorical) column that defines the categories within each bar. Flourish type hint: column
`values`	Values. (Optional) Choose the numeric columns to determine the size of each bar. If more than 1 is chosen, a dropdown will appear in the visualization, which lets the user choose. Flourish type hint: columns
`icon_id`	Icon ID. IDs for joining icons in the Icons datasheet. Must contain IDs that match Icon ID values in Icons Set to the same column as the Main category or Subcategory. Flourish type hint: column
`color`	Color. The (categorical) column which determines the icon color. Set to the same column as the Main category or Subcategory. Flourish type hint: column
`metadata`	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panels Flourish type hint: columns

icons_id	Icon ID. Unique ID for joining icon path strings. Must contain IDs that match the Icon ID values in DataFlourish type hint: column
icons_path_string	Icon. Icon path string (e.g. "M10,10 l80,0 l0,80 l-80,0 z") or the name of a built-in icon (e.g. "female"). Flourish type hint: column
icons_width	Icon width. Icon width (in pixels). Flourish type hint: column
icons_height	Icon height. Icon height (in pixels). Flourish type hint: column

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "pictogram", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_pictogram_data(gapminder)
)
```

---

bind_quiz_data *Bind quiz data*

Description

Bind quiz data

Usage

```
bind_quiz_data(
  .,
  questions_data = NULL,
  scores_data = NULL,
  results_data = NULL,
  questions_text = NULL,
  questions_explanation = NULL,
  questions_input_type = NULL,
  questions_answers = NULL,
  questions_suffix = NULL,
  questions_choices = NULL,
  scores_question = NULL,
  scores_range = NULL,
  scores_explanation = NULL,
  scores_media = NULL,
  results_range = NULL,
  results_text = NULL,
  results_media = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
questions_data	Questions data.
scores_data	Scores data.
results_data	Results data.
questions_text	Text. Question text. Flourish type hint: column
questions_explanation	Explanation. A short text explanation accompanying the question. Flourish type hint: column
questions_input_type	Input type. Type of answer input, choose between slider or multiple choice Flourish type hint: column
questions_answers	Answers. The correct answer to the question. The score will be decided by the difference between this answer and your input. Its possible to select multiple columns with answers; this will create a dropdown list above the quiz where you can select which answer to compare to. Flourish type hint: columns
questions_suffix	Slider input suffix. Add a suffix after the value, eg. "%" or "people" (only for slider input type). Flourish type hint: column
questions_choices	Multiple choice options. Options to show in multiple choice questions. Divide using "::" (eg. "Cat :: Dog :: Sheep :: Badger"). Flourish type hint: column
scores_question	Question. Question that the answer belongs to. Flourish type hint: column
scores_range	Answer. The answer to the question. This can be text for multiple choice questions. For slider answers, you can use numbers or number ranges, values could be "0-10" or "4" or "*" to select all answers. You can also add multiple rows with score ranges per question; the more specific scores will take priority (e.g. it will choose "4" over "0-10" over "*"). Flourish type hint: column
scores_explanation	Text. Text to show after answering question. Flourish type hint: column
scores_media	Media. Picture to show after answering question. Flourish type hint: column
results_range	Points range. A range of points youre targeting. You can use numbers or number ranges, values could be "0-10" or "4" or "*" to select all answers. You can also add multiple rows with score ranges per question; the more specific scores will take priority (e.g. it will choose "4" over "0-10" over "*"). Flourish type hint: column
results_text	Results text
results_media	Media. An image to show with the result. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "quiz", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_quiz_data(gapminder)
)
```

---

bind_radar_data *Bind radar chart data*

Description

Bind radar chart data

Usage

```
bind_radar_data(
  .,
  data = NULL,
  name = NULL,
  values = NULL,
  filter = NULL,
  color_category = NULL,
  facet = NULL,
  metadata = NULL,
  color_category_input_format = NULL,
  color_category_output_format = NULL,
  filter_input_format = NULL,
  filter_output_format = NULL,
  facet_input_format = NULL,
  facet_output_format = NULL,
  metadata_input_format = NULL,
  metadata_output_format = NULL,
  name_input_format = NULL,
  name_output_format = NULL,
  values_input_format = NULL,
  values_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.

`name` Name. A text column containing a name for each radar. Suggested data type hints: string. Flourish type hint: column

`values` Values. Select three or more numerical columns. Suggested data type hints: number. Flourish type hint: columns

`filter` Filter. If set, creates a filter menu or time slider. Suggested data type hints: string, number, datetime. Flourish type hint: column

`color_category` Color category. Add a category to color by If empty, the name column will be used for colors. Suggested data type hints: string. Flourish type hint: column

`facet` Grid of charts (facet). Create one column for each grouping you want to allow. Suggested data type hints: string. Flourish type hint: columns

`metadata` Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in custom popups and panels Suggested data type hints: string, datetime, number. Flourish type hint: columns

`color_category_input_format`
Formats/parses dates, strings, and numbers for the color_category column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`color_category_output_format`
Formats/parses dates, strings, and numbers for the color_category column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_input_format`
Formats/parses dates, strings, and numbers for the filter column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_output_format`
Formats/parses dates, strings, and numbers for the filter column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/..

Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`facet_input_format`

Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`facet_output_format`

Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_input_format`

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_output_format`

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`name_input_format`

Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers

or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`name_output_format`

Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`values_input_format`

Formats/parses dates, strings, and numbers for the values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`values_output_format`

Formats/parses dates, strings, and numbers for the values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "radar", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_radar_data(gapminder)
)
```

`bind_sankey_data` *Bind sankey diagram data*

Description

Bind sankey diagram data

Usage

```
bind_sankey_data(
  .,
  data = NULL,
  source = NULL,
  target = NULL,
  value = NULL,
  filter = NULL,
  facet = NULL,
  step_from = NULL,
  step_to = NULL,
  metadata = NULL,
  filter_input_format = NULL,
  filter_output_format = NULL,
  facet_input_format = NULL,
  facet_output_format = NULL,
  metadata_input_format = NULL,
  metadata_output_format = NULL,
  source_input_format = NULL,
  source_output_format = NULL,
  step_from_input_format = NULL,
  step_from_output_format = NULL,
  step_to_input_format = NULL,
  step_to_output_format = NULL,
  target_input_format = NULL,
  target_output_format = NULL,
  value_input_format = NULL,
  value_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
source	Source. Suggested data type hints: string. Flourish type hint: column
target	Target. Suggested data type hints: string. Flourish type hint: column
value	Value of link. A numerical value used to set the thickness of the links. Suggested data type hints: number. Flourish type hint: column
filter	Filter. Suggested data type hints: string, number, datetime. Flourish type hint: column
facet	Grid of charts. Suggested data type hints: string. Flourish type hint: column
step_from	Step from. An integer(whole number) used to indicate where a link starts from (used only in Alluvial mode). Suggested data type hints: number. Flourish type hint: column

`step_to` Step to. An integer(whole number) used to indicate where a link goes to (used only in Alluvial mode). Suggested data type hints: number. Flourish type hint: column

`metadata` Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panels Suggested data type hints: number, datetime, string. Flourish type hint: columns

`filter_input_format`
Formats/parses dates, strings, and numbers for the filter column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_output_format`
Formats/parses dates, strings, and numbers for the filter column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`facet_input_format`
Formats/parses dates, strings, and numbers for the facet column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`facet_output_format`
Formats/parses dates, strings, and numbers for the facet column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_input_format`
Formats/parses dates, strings, and numbers for the metadata column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point',

'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_output_format`

Formats/parses dates, strings, and numbers for the metadata column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`source_input_format`

Formats/parses dates, strings, and numbers for the source column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`source_output_format`

Formats/parses dates, strings, and numbers for the source column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`step_from_input_format`

Formats/parses dates, strings, and numbers for the step_from column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`step_from_output_format`

Formats/parses dates, strings, and numbers for the step_from column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`step_to_input_format`

Formats/parses dates, strings, and numbers for the step_to column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`step_to_output_format`

Formats/parses dates, strings, and numbers for the step_to column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`target_input_format`

Formats/parses dates, strings, and numbers for the target column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`target_output_format`

Formats/parses dates, strings, and numbers for the target column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`value_input_format`

Formats/parses dates, strings, and numbers for the value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`value_output_format`

Formats/parses dates, strings, and numbers for the value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers

or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "sankey", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_sankey_data(gapminder)
)
```

---

bind_scatter_data *Bind scatter data*

Description

Bind scatter data

Usage

```
bind_scatter_data(
  .,
  data = NULL,
  x = NULL,
  y = NULL,
  name = NULL,
  color = NULL,
  size = NULL,
  shape = NULL,
  facet = NULL,
  slider = NULL,
  series = NULL,
  filter = NULL,
  metadata = NULL,
  color_input_format = NULL,
  color_output_format = NULL,
  filter_input_format = NULL,
  filter_output_format = NULL,
  facet_input_format = NULL,
  facet_output_format = NULL,
  metadata_input_format = NULL,
  metadata_output_format = NULL,
  name_input_format = NULL,
  name_output_format = NULL,
  series_input_format = NULL,
```

```
  series_output_format = NULL,
  shape_input_format = NULL,
  shape_output_format = NULL,
  size_input_format = NULL,
  size_output_format = NULL,
  slider_input_format = NULL,
  slider_output_format = NULL,
  x_input_format = NULL,
  x_output_format = NULL,
  y_input_format = NULL,
  y_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
x	X values. Suggested data type hints: number, string, datetime. Flourish type hint: column
y	Y values. Suggested data type hints: number, string, datetime. Flourish type hint: column
name	Name. Select multiple columns if required to make a unique name. Suggested data type hints: string. Flourish type hint: columns
color	Color. Colors the dots based on numbers or categories. Suggested data type hints: string, number. Flourish type hint: column
size	Size. Sizes the dots based on the numbers. Suggested data type hints: number, string. Flourish type hint: column
shape	Shape. Sets the shape of the dots based on numbers or categories. Suggested data type hints: string. Flourish type hint: column
facet	Grid of charts (facet). Creates a mini chart for each value in the selected column. Suggested data type hints: string. Flourish type hint: column
slider	Time. Creates a time slider and connects/animates dots with the same name. Suggested data type hints: datetime, string, number. Flourish type hint: column
series	Series (connect with line). Group dots into series based on the contents of a column. Suggested data type hints: string. Flourish type hint: column
filter	Filter control. Creates a control based on the contents of any column. Suggested data type hints: string, number, datetime. Flourish type hint: column
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panelsSuggested data type hints: string, number, datetime. Flourish type hint: columns
color_input_format	Formats/parses dates, strings, and numbers for the color column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma',

'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`color_output_format`

Formats/parses dates, strings, and numbers for the color column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_input_format`

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_output_format`

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`facet_input_format`

Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`facet_output_format`

Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_input_format`

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_output_format`

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`name_input_format`

Formats/parses dates, strings, and numbers for the name column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`name_output_format`

Formats/parses dates, strings, and numbers for the name column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`series_input_format`

Formats/parses dates, strings, and numbers for the series column. If string: any arbritrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers

or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`series_output_format`

Formats/parses dates, strings, and numbers for the series column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`shape_input_format`

Formats/parses dates, strings, and numbers for the shape column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`shape_output_format`

Formats/parses dates, strings, and numbers for the shape column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`size_input_format`

Formats/parses dates, strings, and numbers for the size column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`size_output_format`

Formats/parses dates, strings, and numbers for the size column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`slider_input_format`

Formats/parses dates, strings, and numbers for the slider column. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`slider_output_format`
: Formats/parses dates, strings, and numbers for the slider column. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`x_input_format`
: Formats/parses dates, strings, and numbers for the x column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbritrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`x_output_format`
: Formats/parses dates, strings, and numbers for the x column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbritrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`y_input_format`
: Formats/parses dates, strings, and numbers for the y column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbritrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to

format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

y_output_format

Formats/parses dates, strings, and numbers for the y column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbritrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "scatter", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_scatter_data(gapminder)
)
```

---

bind_slope_chart_data *Bind slope chart data*

Description

Bind slope chart data

Usage

```
bind_slope_chart_data(
  .,
  data = NULL,
  id = NULL,
  values = NULL,
  line_thickness = NULL,
  filter = NULL,
  color_category = NULL,
  facet = NULL,
  metadata = NULL,
  color_category_input_format = NULL,
  color_category_output_format = NULL,
```

```
  filter_input_format = NULL,
  filter_output_format = NULL,
  facet_input_format = NULL,
  facet_output_format = NULL,
  metadata_input_format = NULL,
  metadata_output_format = NULL,
  line_thickness_input_format = NULL,
  line_thickness_output_format = NULL,
  id_input_format = NULL,
  id_output_format = NULL,
  values_input_format = NULL,
  values_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
id	Name. The name of the data series (eg. voting district, data mode). Flourish type hint: column
values	Values. Values for that data series (eg. % of votes). Flourish type hint: column
line_thickness	Line thickness. Values for the thickness of line. Flourish type hint: column
filter	Filter. Suggested data type hints: string, number, datetime. Flourish type hint: column
color_category	Color category
facet	Facet
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in custom popups and panels Suggested data type hints: string, number, datetime. Flourish type hint: columns
color_category_input_format	Formats/parses dates, strings, and numbers for the color_category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
color_category_output_format	Formats/parses dates, strings, and numbers for the color_category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_input_format`
: Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_output_format`
: Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`facet_input_format`
: Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`facet_output_format`
: Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_input_format`
: Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish

to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_output_format`

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`line_thickness_input_format`

Formats/parses dates, strings, and numbers for the line_thickness column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`line_thickness_output_format`

Formats/parses dates, strings, and numbers for the line_thickness column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`id_input_format`

Formats/parses dates, strings, and numbers for the id column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`id_output_format`

Formats/parses dates, strings, and numbers for the id column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`values_input_format`

Formats/parses dates, strings, and numbers for the values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

values_output_format

Formats/parses dates, strings, and numbers for the values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "slope", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_slope_chart_data(gapminder)
)
```

---

bind_sports_data *Bind sports data*

Description

Bind sports data

Usage

```
bind_sports_data(
  .,
  positions_data = NULL,
  info = NULL,
  color = NULL,
  size = NULL,
  squad_number = NULL,
  position_x = NULL,
  position_y = NULL,
  filter = NULL,
  photo = NULL,
  metadata = NULL,
  color_input_format = NULL,
  color_output_format = NULL,
```

```
  filter_input_format = NULL,
  filter_output_format = NULL,
  photo_input_format = NULL,
  photo_output_format = NULL,
  metadata_input_format = NULL,
  metadata_output_format = NULL,
  info_input_format = NULL,
  info_output_format = NULL,
  size_input_format = NULL,
  size_output_format = NULL,
  squad_number_input_format = NULL,
  squad_number_output_format = NULL,
  position_x_input_format = NULL,
  position_x_output_format = NULL,
  position_y_input_format = NULL,
  position_y_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
positions_data	Positions data.
info	Name. A name to include on a label and/or popup. Suggested data type hints: string, number. Flourish type hint: columns
color	Color by. An optional category column to color the dots by. For example if you have two different teams. Suggested data type hints: string. Flourish type hint: column
size	Size by. An optional numeric column to size the dots. Suggested data type hints: number. Flourish type hint: column
squad_number	Squad numbers. An optional squad number to appear within the dot. Suggested data type hints: number, string. Flourish type hint: column
position_x	X position. Use this to column to set the X position of a dot on the pitch when creating shot charts. This column is ignored when the setting Position points by is set to FormationSuggested data type hints: number. Flourish type hint: column
position_y	Y position. Use this to column to set the Y position of a dot on the pitch when creating shot charts. This column is ignored when the setting Position points by is set to FormationSuggested data type hints: number. Flourish type hint: column
filter	Filter by. Setting a column here will add a control to the visualization to filter the dots. For example you could filter by team. Suggested data type hints: string, number. Flourish type hint: column
photo	Image. Add an image to appear in the circles. To add an image, right click on a cell and click upload file Its also possible to add a image URL. Suggested data type hints: string. Flourish type hint: column

`metadata` Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panels Suggested data type hints: string, number, datetime. Flourish type hint: columns

`color_input_format`
Formats/parses dates, strings, and numbers for the color column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`color_output_format`
Formats/parses dates, strings, and numbers for the color column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_input_format`
Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_output_format`
Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`photo_input_format`
Formats/parses dates, strings, and numbers for the photo column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`photo_output_format`
Formats/parses dates, strings, and numbers for the photo column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_input_format`
: Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_output_format`
: Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`info_input_format`
: Formats/parses dates, strings, and numbers for the info column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`info_output_format`
: Formats/parses dates, strings, and numbers for the info column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`size_input_format`
: Formats/parses dates, strings, and numbers for the size column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`size_output_format`
: Formats/parses dates, strings, and numbers for the size column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`squad_number_input_format`
: Formats/parses dates, strings, and numbers for the squad_number column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`squad_number_output_format`
: Formats/parses dates, strings, and numbers for the squad_number column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`position_x_input_format`
: Formats/parses dates, strings, and numbers for the position_x column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`position_x_output_format`
: Formats/parses dates, strings, and numbers for the position_x column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`position_y_input_format`
: Formats/parses dates, strings, and numbers for the position_y column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

position_y_output_format
: Formats/parses dates, strings, and numbers for the position_y column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "sports", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_sports_data(gapminder)
)
```

---

bind_sports_race_data *Bind sports race data*

Description

Bind sports race data

Usage

```
bind_sports_race_data(
  .,
  data = NULL,
  name = NULL,
  times = NULL,
  start_image = NULL,
  race_image = NULL,
  finish_image = NULL,
  color_category = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
name	Name. Name of competitor. Flourish type hint: column
times	Times. One or more columns of numbers, representing splits or laps, or a whole race. Flourish type hint: columns

start_image	Start image. The image to use at the start of the race. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
race_image	Racing image. The image to use while a participant is racing. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
finish_image	Finish image. The image to use when the participant has finished the race. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
color_category	Color category. Add a category to color participants by. If empty, the name column will be used for colors. Flourish type hint: column

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "sports_race", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_sports_race_data(gapminder)
)
```

---

bind_survey_data *Bind survey data*

Description

Bind survey data

Usage

```
bind_survey_data(
  .,
  questions_data = NULL,
  order_data = NULL,
  labels_data = NULL,
  colors_data = NULL,
  places_data = NULL,
  answer_groups_data = NULL,
  questions_categorical = NULL,
  questions_continuous = NULL,
  questions_geo = NULL,
  questions_label = NULL,
  questions_column_filter = NULL,
  questions_id = NULL,
  questions_metadata = NULL,
  order_categories = NULL,
  labels_label = NULL,
```

```
  labels_replacement = NULL,
  colors_question = NULL,
  colors_answer = NULL,
  colors_color = NULL,
  places_latitude = NULL,
  places_longitude = NULL,
  places_names = NULL,
  answer_groups_group = NULL,
  answer_groups_question = NULL,
  answer_groups_display_as = NULL,
  answer_groups_affirmative_answers = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
questions_data	Questions data. The main data sheet. Each row in this table will become a dot in the graphic..
order_data	Order data. Groups by default appear in size or alphabetical order. You can override these with the "Group order" sheet..
labels_data	Labels data. Allows you to change how any phrase in the main data sheet is displayed in the graphic. Useful for shortening long questions, translating, etc..
colors_data	Colors data. Use this extra table if you want to specify specific colors in the context of specific questions. E.g. to make a red to green scale from "strongly diagree" to "strongly agree"..
places_data	Places data. A table of places found in the geographic columns of the main data sheet, each with latitude and longitude to plot it on the map.
answer_groups_data	Answer groups data. Grouped questions, in the form "Which of the following apply?", are made by combining mutiple yes/no columns in the main data sheet..
questions_categorical	Categorical columns. Each of these columns appears in the Group by, Shade by and Compare dropdowns. Flourish type hint: columns
questions_continuous	Continuous columns. Must contain numbers. Each of these columns appears in the Size by dropdown. Flourish type hint: columns
questions_geo	Geographic columns. Must contain place names matching those specified in the Places sheet. Set to blank to disable the map mode. Flourish type hint: columns
questions_label	Label. A column containing text (e.g. names or emoji) to write on the dots. Not recommended for datasets with more than a few hundred dots. Flourish type hint: column
questions_column_filter	Slider or menu. Add a time slider or menu to filter the data based on the contents of a single column. Flourish type hint: column

`questions_id` Unique name/ID. Specify to allow animations between multiple occurrences of the same person or thing e.g. when using a time slider. Flourish type hint: column

`questions_metadata` Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panelsFlourish type hint: columns

`order_categories` Order of answers. Use one column for each question or metric. Put the column header from the main data sheet at the top (e.g. "Do you agree?"), followed by the answers in the order you want (e.g. "disagree", "neutral", "agree"). Flourish type hint: columns

`labels_label` Label. A column containing phrases from the main data sheet. Flourish type hint: column

`labels_replacement` Replacement. A column containing the phrase to display. Flourish type hint: column

`colors_question` Question. The column header (e.g. a survey question) exactly as it appears in the main data sheet. Flourish type hint: column

`colors_answer` Answer. Use one column for each question or metric. Put the column header from the main datasheet at the top (e.g. "Do you agree?"), followed by the answers in the order you want (e.g. "disagree", "neutral", "agree"). Flourish type hint: column

`colors_color` Color. A color name (e.g. orange, red) or code (e.g. #ff3300, #ff0000). Flourish type hint: column

`places_latitude` Latitude. A column of latitude values. Flourish type hint: column

`places_longitude` Longitude. A column of longitude values. Flourish type hint: column

`places_names` Names. One or more columns of place names matching those in the main data sheet. Flourish type hint: columns

`answer_groups_group` Group name. This column will contain the name of the grouped question Flourish type hint: column

`answer_groups_question` Question. A question that matches exactly one of the questions in the datasheet. Flourish type hint: column

`answer_groups_display_as` Display answer as. This will be the new text for the question. Flourish type hint: column

`answer_groups_affirmative_answers` Answers to include. The respondent is included in the group if their answer to the question is one of the answers listed in these columns. Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "survey", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_survey_data(gapminder)
)
```

`bind_svg_annotator_data` *Bind svg annotator data*

Description

Bind svg annotator data

Usage

```
bind_svg_annotator_data(
  .,
  data = NULL,
  id = NULL,
  reveal_id = NULL,
  h1 = NULL,
  h2 = NULL,
  content = NULL,
  link = NULL,
  metadata = NULL
)
```

Arguments

`.`	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
`data`	Data.
`id`	ID. A column of IDs of elements in the uploaded SVG file. Flourish type hint: column
`reveal_id`	Reveal layer. A column to reveal when layer is clicked. Flourish type hint: column
`h1`	Heading 1. A column containing the main header. Flourish type hint: column
`h2`	Heading 2. A column containing a secondary header. Flourish type hint: column
`content`	Content. A column containing text or HTML to display. Flourish type hint: column
`link`	Link. A URL that can be opened when a layer is clicked. Any reveal layers or popups will be overridden. Flourish type hint: column
`metadata`	Info for popups. One or more columns to display in popups and panels. Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "svg_annotator", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_svg_annotator_data(gapminder)
)
```

`bind_table_data` *Bind table data*

Description

Bind table data

Usage

```
bind_table_data(
  .,
  rows_data = NULL,
  columns = NULL,
  columns_input_format = NULL,
  columns_output_format = NULL
)
```

Arguments

`.`	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
`rows_data`	Rows data.
`columns`	Table values. The cell contents can by styled with html or markdown To style with markdown first make sure the Cell text styling setting in the Table section of the editor is on To add an image, right click on a cell and click Upload file- Suggested data type hints: string, number, datetime. Flourish type hint: columns
`columns_input_format`	Formats/parses dates, strings, and numbers for the columns column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

columns_output_format
: Formats/parses dates, strings, and numbers for the columns column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "table", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_table_data(gapminder)
)
```

---

bind_text_annotator_data

Bind text annotator data

Description

Bind text annotator data

Usage

```
bind_text_annotator_data(., data = NULL, text = NULL, note = NULL)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
text	Text. The piece of text you want to highlight. Note that text is case and space sensitive. Flourish type hint: column
note	Annotation. The annotation content. Flourish type hint: column

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "text_annotator", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_text_annotator_data(gapminder)
)
```

`bind_timeline_data` *Bind timeline data*

Description

Bind timeline data

Usage

```
bind_timeline_data(
  .,
  data = NULL,
  time_start = NULL,
  time_end = NULL,
  category = NULL,
  title = NULL,
  subtitle = NULL,
  text = NULL,
  image = NULL,
  background = NULL,
  background_input_format = NULL,
  background_output_format = NULL,
  category_input_format = NULL,
  category_output_format = NULL,
  time_end_input_format = NULL,
  time_end_output_format = NULL,
  image_input_format = NULL,
  image_output_format = NULL,
  time_start_input_format = NULL,
  time_start_output_format = NULL,
  subtitle_input_format = NULL,
  subtitle_output_format = NULL,
  text_input_format = NULL,
  text_output_format = NULL,
  title_input_format = NULL,
  title_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
time_start	Time start
time_end	End time. Sets the duration of the event in time scale mode. Flourish type hint: column
category	Category
title	Title. Title of the content. Suggested data type hints: string, number, datetime. Flourish type hint: column
subtitle	Subtitle. Subtitle of the content. Suggested data type hints: string, number, datetime. Flourish type hint: column
text	Text. Text to display inside the data point. Flourish type hint: column
image	Image. Main image for the event. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
background	Background image. Background image for the event. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
background_input_format	Formats/parses dates, strings, and numbers for the background column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
background_output_format	Formats/parses dates, strings, and numbers for the background column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
category_input_format	Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
category_output_format	Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

time_end_input_format
: Formats/parses dates, strings, and numbers for the time_end column. If datetime: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

time_end_output_format
: Formats/parses dates, strings, and numbers for the time_end column. If datetime: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

image_input_format
: Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

image_output_format
: Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

time_start_input_format
: Formats/parses dates, strings, and numbers for the time_start column. If datetime: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

time_start_output_format
: Formats/parses dates, strings, and numbers for the time_start column. If datetime: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats

noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`subtitle_input_format`

Formats/parses dates, strings, and numbers for the subtitle column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`subtitle_output_format`

Formats/parses dates, strings, and numbers for the subtitle column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`text_input_format`

Formats/parses dates, strings, and numbers for the text column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`text_output_format`

Formats/parses dates, strings, and numbers for the text column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`title_input_format`

Formats/parses dates, strings, and numbers for the title column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma',

'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`title_output_format`
: Formats/parses dates, strings, and numbers for the title column. If string: any arbritrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "timeline", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_timeline_data(gapminder)
)
```

---

bind_tournament_data *Bind tournament data*

Description

Bind tournament data

Usage

```
bind_tournament_data(
  .,
  matches_data = NULL,
  round = NULL,
  team_a = NULL,
  team_b = NULL,
```

```
  winner = NULL,
  score_a = NULL,
  score_b = NULL,
  metadata = NULL,
  id = NULL,
  image = NULL,
  metadata_input_format = NULL,
  metadata_output_format = NULL,
  team_a_input_format = NULL,
  team_a_output_format = NULL,
  score_a_input_format = NULL,
  score_a_output_format = NULL,
  team_b_input_format = NULL,
  team_b_output_format = NULL,
  score_b_input_format = NULL,
  score_b_output_format = NULL,
  round_input_format = NULL,
  round_output_format = NULL,
  winner_input_format = NULL,
  winner_output_format = NULL,
  id_input_format = NULL,
  id_output_format = NULL,
  image_input_format = NULL,
  image_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
matches_data	Matches data. teams.
round	Stage. The stage of the tournament, for example "Round of 16" or "Semifinals". Flourish type hint: column
team_a	Participant A. The first participant or team in this match. Flourish type hint: column
team_b	Participant B. The second participant or team in this match. Flourish type hint: column
winner	Winner. The winning participant or team in this match. Must match the name of either Participant A or Participant B. If left blank, the template will assume that the match is upcoming. Flourish type hint: column
score_a	Participant A score. The score of Participant A in this match. Will appear along with the participants name in the box. Suggested data type hints: string, number. Flourish type hint: column
score_b	Participant B score. The score of Participant B in this match. Will appear along with the participants name in the box. Suggested data type hints: string, number. Flourish type hint: column

`metadata` Info for popups. One or more columns of information (text, image URLs , embedded charts etc) to include in popups and panels Suggested data type hints: string, number, datetime. Flourish type hint: columns

`id` ID. Participant ID. Should match a participants name from the Matches sheet. Flourish type hint: column

`image` Image. Image to render in the participant box. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column

`metadata_input_format`
Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_output_format`
Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`team_a_input_format`
Formats/parses dates, strings, and numbers for the team_a column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`team_a_output_format`
Formats/parses dates, strings, and numbers for the team_a column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`score_a_input_format`
Formats/parses dates, strings, and numbers for the score_a column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma',

'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`score_a_output_format`

Formats/parses dates, strings, and numbers for the score_a column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`team_b_input_format`

Formats/parses dates, strings, and numbers for the team_b column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`team_b_output_format`

Formats/parses dates, strings, and numbers for the team_b column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`score_b_input_format`

Formats/parses dates, strings, and numbers for the score_b column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`score_b_output_format`

Formats/parses dates, strings, and numbers for the score_b column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`round_input_format`

Formats/parses dates, strings, and numbers for the round column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers

or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

round_output_format

Formats/parses dates, strings, and numbers for the round column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

winner_input_format

Formats/parses dates, strings, and numbers for the winner column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

winner_output_format

Formats/parses dates, strings, and numbers for the winner column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

id_input_format

Formats/parses dates, strings, and numbers for the id column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

id_output_format

Formats/parses dates, strings, and numbers for the id column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

image_input_format

Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

image_output_format

Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "tournament", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_tournament_data(gapminder)
)
```

`bind_word_cloud_data` *Bind word cloud data*

Description

Bind word cloud data

Usage

```
bind_word_cloud_data(
  .,
  words_data = NULL,
  word = NULL,
  value = NULL,
  category = NULL,
  metadata = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
words_data	Words data.
word	Word
value	Value
category	Category
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panels Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "word_cloud", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_word_cloud_data(gapminder)
)
```

`flourish` *Plot a Flourish graph.*

Description

Create a graph using Flourish's API (https://developers.flourish.studio/api/introduction/).

Usage

```
flourish(
  chart_type = NULL,
  chart_description = NULL,
  base_visualisation_id = NULL,
  template_id = NULL,
  template_version_number = NULL,
  api_key = Sys.getenv("FLOURISH_API_KEY")
)
```

Arguments

`chart_type`	Required - a chart type string for each graph in Flourish's library. Preferred usage compared to `template_id` and `template_version`.
`chart_description`	Optional - a screen-reader description. A text alternative to the visual content that will only be visible to screen-readers, e.g. "The line chart shows China consistently higher than the other countries since 1990". Do no replicate your title, since that will also be read by screenreaders.
`base_visualisation_id`	Optional - provide the numerical ID of an existing public (published) Flourish visualisation to reference it's configuration
`template_id`	Optional - the Flourish template ID, found at https://app.flourish.studio/@flourish. Use if you cannot use `chart_type`.
`template_version_number`	Optional - the template's version number. Also found at https://app.flourish.studio/@flourish. Use if you cannot use `chart_type`.
`api_key`	Required - our API key which can be generated within your profile account. Defaults to Sys.getenv("FLOURISH_API_KEY").

Value

A Flourish chart

Examples

```
try(
  flourish(
    chart_type = "scatter", api_key = Sys.getenv("FLOURISH_API_KEY")
  ) |>
  bind_scatter_data(
    data = subset(gapminder, year == 2007),
    y = "gdpPercap", x = "lifeExp"
  )
 )
```

---

flourish_api_documentation

Flourish template API documentation

Description

A data set containing template metadata about Flourish graphs

Usage

```
flourish_api_documentation
```

Format

A data frame with 57 rows and 3 columns:

template_name Template name. Found in API documentation: https://app.flourish.studio/@flourish.

chart_type Chart type. One template may have multiple chart types.

url URL for template API documentation.

Value

A data frame

Source

https://flourish.studio/index.html

Examples

```
flourish_api_documentation
```

`gapminder` *Gapminder data*

Description

A data set containing Gapminder data used for vignettes

Usage

```
gapminder
```

Format

A data frame with 1704 rows and 6 columns:

country Country name.

continent Continent name.

year Year data was collected.

lifeExp Life expectancy.

pop Population size.

gdpPercap GDP per capita.

Value

A data frame

Source

https://www.gapminder.org/

Examples

```
gapminder
```

set_audio_details *Set audio chart details*

Description

Set audio chart details

Usage

```
set_audio_details(
  .,
  audio_player_button_color = NULL,
  audio_player_button_icon_color = NULL,
  audio_player_button_size = NULL,
  audio_player_button_roundness = NULL,
  audio_player_progress_color = NULL,
  audio_player_progress_bg_color = NULL,
  audio_player_progress_height = NULL,
  audio_player_progress_width = NULL,
  audio_player_width = NULL,
  audio_player_margin_top_bottom = NULL,
  audio_player_show_text_styling = NULL,
  audio_player_title_size = NULL,
  audio_player_title_color = NULL,
  audio_player_title_weight = NULL,
  audio_player_subtitle_size = NULL,
  audio_player_subtitle_color = NULL,
  audio_player_subtitle_weight = NULL,
  audio_player_time_size = NULL,
  audio_player_time_color = NULL,
  audio_player_time_weight = NULL,
  audio_player_link_color = NULL,
  chart_filter_controls_control_type = NULL,
  chart_filter_controls_control_styles = NULL,
  chart_filter_controls_control_title = NULL,
  chart_filter_controls_button_group = NULL,
  chart_filter_controls_button_group_width_mode = NULL,
  chart_filter_controls_button_group_width_fixed = NULL,
  chart_filter_controls_dropdown_width_mode = NULL,
  chart_filter_controls_dropdown_width_fixed = NULL,
  chart_filter_controls_slider_width = NULL,
  chart_filter_controls_slider_max_label_width = NULL,
  chart_filter_controls_slider_step_time = NULL,
  chart_filter_controls_slider_loop = NULL,
  chart_filter_controls_slider_restart_pause = NULL,
  chart_filter_controls_sort = NULL,
  chart_controls_style_font_size = NULL,
```

```
  chart_controls_style_font_weight = NULL,
  chart_controls_style_height = NULL,
  chart_dropdown_control_style_background = NULL,
  chart_dropdown_control_style_font_color = NULL,
  chart_dropdown_control_style_border_styles_advanced = NULL,
  chart_dropdown_control_style_border_style = NULL,
  chart_dropdown_control_style_border_width = NULL,
  chart_dropdown_control_style_border_color = NULL,
  chart_dropdown_control_style_border_transparency = NULL,
  chart_dropdown_control_style_border_radius = NULL,
  chart_button_control_style_background = NULL,
  chart_button_control_style_background_selected = NULL,
  chart_button_control_style_background_hover = NULL,
  chart_button_control_style_font_color = NULL,
  chart_button_control_style_font_color_selected = NULL,
  chart_button_control_style_font_color_hover = NULL,
  chart_button_control_style_button_styles_advanced = NULL,
  chart_button_control_style_border_width = NULL,
  chart_button_control_style_border_color = NULL,
  chart_button_control_style_border_transparency = NULL,
  chart_button_control_style_border_radius = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
```

```
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
```

```
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
```

```
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
audio_player_button_color	Background. Flourish type hint: color, defaults to NULL
audio_player_button_icon_color	Icons. Flourish type hint: color, defaults to NULL
audio_player_button_size	Size. In rems, a multiple of base font size. Flourish type hint: number, defaults to NULL
audio_player_button_roundness	Roundness. Flourish type hint: number, defaults to NULL
audio_player_progress_color	Color. Flourish type hint: color, defaults to NULL
audio_player_progress_bg_color	Background. Flourish type hint: color, defaults to NULL
audio_player_progress_height	Height. In rems, a multiple of base font size. Flourish type hint: number, defaults to NULL
audio_player_progress_width	Width (%). Flourish type hint: number, defaults to NULL
audio_player_width	Width. In rems, a multiple of base font size. Leave blank to fill the available space. Flourish type hint: number, defaults to NULL
audio_player_margin_top_bottom	Space. Spacing above and below the player. In rems, a multiple of base font size. Flourish type hint: number, defaults to NULL
audio_player_show_text_styling	Show text styles. Flourish type hint: boolean, defaults to NULL
audio_player_title_size	Size. Flourish type hint: number, defaults to NULL
audio_player_title_color	Color. Flourish type hint: color, defaults to NULL
audio_player_title_weight	Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL
audio_player_subtitle_size	Size. Flourish type hint: number, defaults to NULL
audio_player_subtitle_color	Color. Flourish type hint: color, defaults to NULL
audio_player_subtitle_weight	Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

audio_player_time_size
: Size. Flourish type hint: number, defaults to NULL

audio_player_time_color
: Color. Flourish type hint: color, defaults to NULL

audio_player_time_weight
: Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

audio_player_link_color
: Color. Where links are present (added by wrapping text in <a> tags in the datasheet) this setting changes their text color. Flourish type hint: color, defaults to NULL

chart_filter_controls_control_type
: Control type. Choices: dropdown, buttons. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_controls_style_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
: Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "audio", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_audio_data(gapminder) |>
  set_audio_details()
)
```

---

set_bar_chart_race_details

Set bar chart race chart details

Description

Set bar chart race chart details

Usage

```
set_bar_chart_race_details(
  .,
  column_chart = NULL,
  number_of_bars = NULL,
  bar_margin = NULL,
  sort_enabled = NULL,
  sort_ascending = NULL,
  bars_advanced = NULL,
  height_mode = NULL,
  bar_height = NULL,
  bar_min_value = NULL,
  bar_empty_spaces = NULL,
  color_mode = NULL,
  color_single = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  color_single_overrides = NULL,
  bar_opacity = NULL,
  label_max_size = NULL,
  label_mode = NULL,
  label_color_in = NULL,
  label_axis_width = NULL,
  show_value = NULL,
```

```
  label_color_out = NULL,
  padding_right = NULL,
  image_height = NULL,
  image_width = NULL,
  image_margin_right = NULL,
  image_scale = NULL,
  image_circle = NULL,
  counter = NULL,
  counter_font_size = NULL,
  counter_color = NULL,
  counter_line_height = NULL,
  totaliser = NULL,
  totaliser_font_size = NULL,
  totaliser_color = NULL,
  totaliser_label = NULL,
  caption_background_color = NULL,
  caption_border_color = NULL,
  caption_opacity = NULL,
  caption_padding = NULL,
  caption_text_align = NULL,
  caption_position = NULL,
  caption_font_size = NULL,
  caption_text_color = NULL,
  caption_mode = NULL,
  caption_image_width = NULL,
  caption_image_position = NULL,
  caption_space_between = NULL,
  sort_control = NULL,
  sort_descending_text = NULL,
  sort_ascending_text = NULL,
  chart_controls_style_font_size = NULL,
  chart_controls_style_font_weight = NULL,
  chart_controls_style_height = NULL,
  chart_button_control_style_background = NULL,
  chart_button_control_style_background_selected = NULL,
  chart_button_control_style_background_hover = NULL,
  chart_button_control_style_font_color = NULL,
  chart_button_control_style_font_color_selected = NULL,
  chart_button_control_style_font_color_hover = NULL,
  chart_button_control_style_button_styles_advanced = NULL,
  chart_button_control_style_border_width = NULL,
  chart_button_control_style_border_color = NULL,
  chart_button_control_style_border_transparency = NULL,
  chart_button_control_style_border_radius = NULL,
  chart_legend_container_alignment = NULL,
  chart_legend_container_orientation = NULL,
  chart_legend_container_title_weight = NULL,
  chart_legend_container_text_weight = NULL,
```

```
chart_legend_container_text_color = NULL,
chart_legend_container_text_size = NULL,
chart_categorical_legend_show_legend = NULL,
chart_categorical_legend_title_mode = NULL,
chart_categorical_legend_title = NULL,
chart_categorical_legend_swatch_width = NULL,
chart_categorical_legend_swatch_height = NULL,
chart_categorical_legend_swatch_radius = NULL,
chart_categorical_legend_legend_items_padding = NULL,
chart_categorical_legend_swatch_outline = NULL,
chart_categorical_legend_swatch_outline_color = NULL,
chart_categorical_legend_order_override = NULL,
chart_categorical_legend_icon_height = NULL,
chart_categorical_legend_icon_color = NULL,
chart_categorical_legend_max_width = NULL,
chart_categorical_legend_orientation = NULL,
text_legend = NULL,
text_legend_title = NULL,
text_legend_subtitle = NULL,
text_legend_caption = NULL,
text_legend_bold = NULL,
axis_text_color = NULL,
axis_font_size = NULL,
axis_color = NULL,
axis_gridline_dash = NULL,
scale_type = NULL,
scale_min = NULL,
scale_max = NULL,
annotations_enabled = NULL,
annotations_content = NULL,
annotations_text_color = NULL,
annotations_text_size = NULL,
annotations_text_weight = NULL,
annotations_line_color = NULL,
annotations_line_opacity = NULL,
annotations_line_width = NULL,
annotations_line_dash = NULL,
annotations_align = NULL,
annotations_offset = NULL,
chart_timeline_controls_enabled = NULL,
chart_timeline_controls_style = NULL,
chart_timeline_controls_graph = NULL,
chart_timeline_controls_play_on_load = NULL,
chart_timeline_controls_loop = NULL,
chart_timeline_controls_duration = NULL,
chart_timeline_controls_duration_tween = NULL,
chart_timeline_controls_duration_wait_at_end = NULL,
chart_timeline_controls_axes_custom_enabled = NULL,
```

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  chart_timeline_controls_color_axes = NULL,
  chart_timeline_controls_axis_font_size = NULL,
  chart_timeline_controls_date_format_display = NULL,
  chart_timeline_controls_axis_nice_x = NULL,
  chart_timeline_controls_axis_nice_y = NULL,
  chart_timeline_controls_scrubber_snap = NULL,
  chart_timeline_controls_scrubber_snap_paused = NULL,
  chart_timeline_controls_layout_settings = NULL,
  chart_timeline_controls_margin_top = NULL,
  chart_timeline_controls_margin_left = NULL,
  chart_timeline_controls_margin_bottom = NULL,
  chart_timeline_controls_margin_right = NULL,
  chart_timeline_controls_playback_button_margin_right = NULL,
  chart_timeline_controls_scrubber_height = NULL,
  chart_timeline_controls_playback_button_margin_right_button = NULL,
  chart_timeline_controls_graph_settings = NULL,
  chart_timeline_controls_color_background = NULL,
  chart_timeline_controls_graph_height = NULL,
  chart_timeline_controls_curve = NULL,
  chart_timeline_controls_playback_styling = NULL,
  chart_timeline_controls_playback_button_button_color = NULL,
  chart_timeline_controls_playback_button_button_size = NULL,
  chart_timeline_controls_playback_button_icon_color = NULL,
  chart_timeline_controls_playback_button_icon_size = NULL,
  chart_timeline_controls_playback_button_label_size = NULL,
  animation_duration = NULL,
  chart_number_date_format_prefix = NULL,
  chart_number_date_format_suffix = NULL,
  chart_number_date_format_n_dec = NULL,
  chart_number_date_format_advanced = NULL,
  chart_number_date_format_negative_sign = NULL,
  chart_number_date_format_strip_zeros = NULL,
  chart_number_date_format_strip_separator = NULL,
  chart_number_date_format_transform_labels = NULL,
  chart_number_date_format_transform = NULL,
  chart_number_date_format_multiply_divide_constant = NULL,
  chart_number_date_format_exponentiate_constant = NULL,
  blank_cells = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
```

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  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
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  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
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  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
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  chart_layout_title_space_above_custom = NULL,
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  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
```

```
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
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  chart_layout_header_logo_link_url = NULL,
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  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
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  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
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  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
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  chart_layout_footer_text_weight = NULL,
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  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
```

```
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
column_chart	Chart style. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
number_of_bars	No. bars. Flourish type hint: number, defaults to NULL
bar_margin	Spacing (Percentage). Spacing as a percentage of bar width. For example at "50" the bar height will equal bar spacing. Flourish type hint: number, defaults to NULL
sort_enabled	Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
sort_ascending	Sort mode. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
bars_advanced	Show advanced. Flourish type hint: boolean, defaults to NULL
height_mode	Bar height. Choices: fill_space, specified. Flourish type hint: string, defaults to NULL
bar_height	Height. Height of the bar; expressed as a multiple of the base font size to make it responsive. Flourish type hint: number, defaults to NULL
bar_min_value	Hide bars below value. This will hide all bars that have a value below the number specified in this setting. Flourish type hint: number, defaults to NULL
bar_empty_spaces	When not enough bars. Choices: TRUE, FALSE. If enabled, the chart and bars will remain the same size as more bars enter the race. Flourish type hint: boolean, defaults to NULL
color_mode	Color mode. Choices: category, bar, single. Whether to color by category (if you have a category column set in the datasheet), by each individual bar, or give every bar the same color. Flourish type hint: string, defaults to NULL

color_single Single color. Flourish type hint: color, defaults to NULL

chart_color_scale_categorical_palette
: Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
: Color overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

color_single_overrides
: Color overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

bar_opacity
: Bar opacity. Flourish type hint: number, defaults to NULL

label_max_size
: Max size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

label_mode
: Labels mode. Choices: bars, axis. Flourish type hint: string, defaults to NULL

label_color_in
: Color. Flourish type hint: color, defaults to NULL

label_axis_width
: Space. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

show_value
: Show values. Flourish type hint: boolean, defaults to NULL

label_color_out
: Color. Flourish type hint: color, defaults to NULL

padding_right
: Space. Flourish type hint: number, defaults to NULL

image_height
: Height. As a percentage of bar height. Flourish type hint: number, defaults to NULL

image_width Width. As a percentage of bar height. Flourish type hint: number, defaults to NULL

image_margin_right
Margin right. As a percentage of bar height. Use a negative value to get images to show to the right of the barFlourish type hint: number, defaults to NULL

image_scale Image sizing. Choices: fill, fit, stretch. Flourish type hint: string, defaults to NULL

image_circle Shape. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

counter Show current time. Flourish type hint: boolean, defaults to NULL

counter_font_size
Size (percentage of screen). Flourish type hint: number, defaults to NULL

counter_color Color. Flourish type hint: color, defaults to NULL

counter_line_height
Line height. Flourish type hint: number, defaults to NULL

totaliser Show total. Shows the sum of all the values in the datasheet for the current time, including any bars not currently visible in the chart. Flourish type hint: boolean, defaults to NULL

totaliser_font_size
Size (percentage of screen). Flourish type hint: number, defaults to NULL

totaliser_color
Color. Flourish type hint: color, defaults to NULL

totaliser_label
Label. Flourish type hint: string, defaults to NULL

caption_background_color
Background. Flourish type hint: color, defaults to NULL

caption_border_color
Border. Flourish type hint: color, defaults to NULL

caption_opacity
Opacity. Flourish type hint: number, defaults to NULL

caption_padding
Padding. In rems multiples of the base font size. Flourish type hint: number, defaults to NULL

caption_text_align
Align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

caption_position
Position. Choices: top-left, center-left, bottom-left, top-right, center-right, bottom-right, top-center, center-center, bottom-center. Flourish type hint: string, defaults to NULL

caption_font_size
Font size. In rems multiples of the base font size. Flourish type hint: number, defaults to NULL

caption_text_color
Text. Flourish type hint: color, defaults to NULL

caption_mode Content mode. Choices: text_legend, html. In Text with colors mode, any phrases matching category names will be automatically colored. In HTML mode, no colors will be applied, but you can include any HTML in the datasheet to add images, etc. Flourish type hint: string, defaults to NULL

caption_image_width
Width. As a percentage of the caption container width. Flourish type hint: number, defaults to NULL

caption_image_position
Position. Choices: column, column-reverse, row, row-reverse. Flourish type hint: string, defaults to NULL

caption_space_between
Space between. Space between the image and text in rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

sort_control Show sort control. Flourish type hint: boolean, defaults to NULL

sort_descending_text
"Highest" label. Flourish type hint: string, defaults to NULL

sort_ascending_text
"Lowest" label. Flourish type hint: string, defaults to NULL

chart_controls_style_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
Height. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

text_legend
: Choices: auto, custom, off. Flourish type hint: string, defaults to NULL

text_legend_title
: Title. Flourish type hint: boolean, defaults to NULL

text_legend_subtitle
: Subtitle. Flourish type hint: boolean, defaults to NULL

text_legend_caption
: Captions. Flourish type hint: boolean, defaults to NULL

text_legend_bold
: Bold. If checked, always use bold for colored items. Flourish type hint: boolean, defaults to NULL

axis_text_color
: Text color. Flourish type hint: color, defaults to NULL

axis_font_size
: Text size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

axis_color
: Line color. Flourish type hint: color, defaults to NULL

axis_gridline_dash
: Line dash. Flourish type hint: number, defaults to NULL

scale_type
: Type. Choices: auto, auto_fixed, manual. The dynamic scale type sets a dynamix X axis that will animate with the chart. The fixed or custom scale type sets a fixed maximum value on the X axis. Flourish type hint: string, defaults to NULL

scale_min
: Min range. The axis will go from zero to this value, then be dynamic. Flourish type hint: number, defaults to NULL

scale_max
: Max. Flourish type hint: number, defaults to NULL

annotations_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

annotations_content
: Annotations. One line per annotation. Syntax Annotation text :: Value on X axis Example Winner :: 250 Majority :: 200. Flourish type hint: text, defaults to NULL

annotations_text_color
: Text color. Flourish type hint: color, defaults to NULL

annotations_text_size
: Size. Flourish type hint: number, defaults to NULL

annotations_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

annotations_line_color
: Line color. Flourish type hint: color, defaults to NULL

annotations_line_opacity
: Opacity. Flourish type hint: number, defaults to NULL

annotations_line_width
: Width. Flourish type hint: number, defaults to NULL

annotations_line_dash
: Dash. Flourish type hint: number, defaults to NULL

annotations_align
: Align. Choices: start, middle, end. Flourish type hint: string, defaults to NULL

annotations_offset
: Offset. Choices: above, on, below. Offset text mode. Flourish type hint: string, defaults to NULL

chart_timeline_controls_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_style
: Style. Choices: timeline, button. Flourish type hint: string, defaults to NULL

chart_timeline_controls_graph
: Show chart. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_play_on_load
: Play on load. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_loop
: Loop timeline. When turned on, the timeline will return to the beginning once complete. Otherwise, it will stop when it reaches the end. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_duration
: Timeline duration. Total duration of the timeline during normal playback in seconds. Flourish type hint: number, defaults to NULL

chart_timeline_controls_duration_tween
: Time jump duration. Duration of transitions between different points in time on the timeline. This is the transition you see in the story player when switching between slides with a different time on the timeline (in seconds). Flourish type hint: number, defaults to NULL

chart_timeline_controls_duration_wait_at_end
: Pause before loop. Flourish type hint: number, defaults to NULL

chart_timeline_controls_axes_custom_enabled
: Axis settings. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_color_axes
: Axes color. Flourish type hint: color, defaults to NULL

chart_timeline_controls_axis_font_size
: Font size. Flourish type hint: number, defaults to NULL

chart_timeline_controls_date_format_display
: X axis date format. Choices:, %Y-%m-%dT%H:%M:%S.%LZ, %Y-%m-%d, %m/%d/%Y, %d/%m/%Y, %d-%b-%y, %m/%Y, %b %Y, %b %y, %B %d, %d %b, %Y, %B, %b, %A, %a, %H:%M:%S, %I:%M %p, %H:%M. Flourish type hint: string, defaults to NULL

chart_timeline_controls_axis_nice_x
: Clean X axis. Rounds out the X axis so that its start and end values are nice, round dates. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_axis_nice_y
: Clean Y axis. Rounds out the Y axis so that its start and end values are nice, round numbers. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_scrubber_snap
: Snap when scrubbing. When turned on, you can only jump to values that are supplied in the dataset and nothing in between. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_scrubber_snap_paused
: Snap when paused. Activate to snap the timeline to the closest interval when non animating. This is useful for ensuring the data visible in the visualization always reflects the data you have supplied. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_layout_settings
: Layout settings. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_timeline_controls_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_timeline_controls_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_timeline_controls_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_timeline_controls_playback_button_margin_right
: Space between button and timeline. Flourish type hint: number, defaults to NULL

chart_timeline_controls_scrubber_height
: Scrubber height. Flourish type hint: number, defaults to NULL

chart_timeline_controls_playback_button_margin_right_button
: Space between button and text. Flourish type hint: number, defaults to NULL

chart_timeline_controls_graph_settings
: Chart settings. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_color_background
: Background. Flourish type hint: color, defaults to NULL

chart_timeline_controls_graph_height
: Height. Flourish type hint: number, defaults to NULL

chart_timeline_controls_curve
: Curved lines. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_playback_styling
: Play button settings. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_playback_button_button_color
: Button color. Flourish type hint: color, defaults to NULL

chart_timeline_controls_playback_button_button_size
: Button size. Flourish type hint: number, defaults to NULL

chart_timeline_controls_playback_button_icon_color
: Icon color. Flourish type hint: color, defaults to NULL

chart_timeline_controls_playback_button_icon_size
: Icon size. Flourish type hint: number, defaults to NULL

chart_timeline_controls_playback_button_label_size
: Label size. Flourish type hint: number, defaults to NULL

animation_duration
: Bar swap duration. Animation duration of the bars swapping, in seconds. Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

blank_cells
: How to handle blank/invalid cells. Choices: interpolate, last_valid, zero, remove. Interpolate fills the gaps between the last and next valid values. Use last valid will use the last number for the bar. Treat as zero will set the value of the blank cell to zero. Remove bar will remove the bar for any blank/invalid cells. Flourish type hint: string, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "bar_race", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_bar_chart_race_data(gapminder) |>
  set_bar_chart_race_details()
)
```

---

set_bubble_chart_details

Set bubble chart chart details

Description

Set bubble chart chart details

Usage

```
set_bubble_chart_details(
  .,
  bubble_alignment = NULL,
  margin_bubbles = NULL,
  animation_duration = NULL,
```

```
  height_mode = NULL,
  aspect_ratio = NULL,
  aspect_ratio_mobile = NULL,
  aspect_ratio_breakpoint = NULL,
  circle_background_color = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  circle_background_border = NULL,
  image_opacity = NULL,
  label_font_weight = NULL,
  label_font_style = NULL,
  label_font_case = NULL,
  label_font_color = NULL,
  label_shadow = NULL,
  enable_highlighting = NULL,
  selected_bubbles = NULL,
  opacity_highlighted = NULL,
  opacity_not_highlighted = NULL,
  highlight_pictures = NULL,
  chart_legend_container_alignment = NULL,
  chart_legend_container_orientation = NULL,
  chart_legend_container_title_weight = NULL,
  chart_legend_container_text_weight = NULL,
  chart_legend_container_text_color = NULL,
```

```
  chart_legend_container_text_size = NULL,
  show_legend_axis = NULL,
  axis_legend_title_mode = NULL,
  axis_legend_title = NULL,
  chart_categorical_legend_show_legend = NULL,
  chart_categorical_legend_title_mode = NULL,
  chart_categorical_legend_title = NULL,
  chart_categorical_legend_swatch_width = NULL,
  chart_categorical_legend_swatch_height = NULL,
  chart_categorical_legend_swatch_radius = NULL,
  chart_categorical_legend_legend_items_padding = NULL,
  chart_categorical_legend_swatch_outline = NULL,
  chart_categorical_legend_swatch_outline_color = NULL,
  chart_categorical_legend_order_override = NULL,
  chart_categorical_legend_icon_height = NULL,
  chart_categorical_legend_icon_color = NULL,
  chart_categorical_legend_max_width = NULL,
  chart_categorical_legend_orientation = NULL,
  chart_size_legend_show_legend = NULL,
  chart_size_legend_title_mode = NULL,
  chart_size_legend_title = NULL,
  chart_size_legend_shape_fill = NULL,
  chart_size_legend_shape_stroke = NULL,
  chart_size_legend_clip_height = NULL,
  chart_size_legend_small_symbol_size = NULL,
  chart_popup_mode = NULL,
  chart_popup_popup_is_custom = NULL,
  chart_popup_show_popup_styles = NULL,
  chart_popup_popup_custom_header = NULL,
  chart_popup_popup_custom_main = NULL,
  chart_popup_popup_custom_accessible = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
  chart_popup_popup_text_color = NULL,
  chart_popup_popup_align = NULL,
  chart_popup_popup_background = NULL,
  chart_popup_popup_background_opacity = NULL,
  chart_popup_popup_padding = NULL,
  chart_popup_popup_radius = NULL,
  chart_popup_popup_header_type = NULL,
  chart_popup_popup_header_background = NULL,
  chart_popup_popup_header_text_color = NULL,
  chart_popup_popup_list_type = NULL,
  chart_popup_popup_list_label_weight = NULL,
  chart_popup_popup_list_separator = NULL,
  chart_popup_popup_shadow = NULL,
  chart_popup_popup_pointer = NULL,
  chart_popup_panel_position = NULL,
```

```
  chart_popup_panel_open_duration = NULL,
  chart_popup_panel_side_fixed = NULL,
  chart_popup_panel_side_default_content = NULL,
  chart_popup_panel_is_custom = NULL,
  chart_popup_show_panel_styles = NULL,
  chart_popup_panel_custom_header = NULL,
  chart_popup_panel_custom_main = NULL,
  chart_popup_panel_width_overlay = NULL,
  chart_popup_panel_height_overlay = NULL,
  chart_popup_panel_width_side = NULL,
  chart_popup_panel_height_side = NULL,
  chart_popup_panel_max_width = NULL,
  chart_popup_panel_max_height = NULL,
  chart_popup_panel_vertical_position = NULL,
  chart_popup_panel_text_color = NULL,
  chart_popup_panel_font_size = NULL,
  chart_popup_panel_align = NULL,
  chart_popup_panel_background = NULL,
  chart_popup_panel_background_opacity = NULL,
  chart_popup_panel_padding = NULL,
  chart_popup_panel_radius = NULL,
  chart_popup_panel_list_type = NULL,
  chart_popup_panel_list_label_weight = NULL,
  chart_popup_panel_list_separator = NULL,
  chart_popup_panel_shadow = NULL,
  chart_number_localization_input_decimal_separator = NULL,
  chart_number_localization_output_separators = NULL,
  chart_number_date_format_prefix = NULL,
  chart_number_date_format_suffix = NULL,
  chart_number_date_format_n_dec = NULL,
  chart_number_date_format_advanced = NULL,
  chart_number_date_format_negative_sign = NULL,
  chart_number_date_format_strip_zeros = NULL,
  chart_number_date_format_strip_separator = NULL,
  chart_number_date_format_transform_labels = NULL,
  chart_number_date_format_transform = NULL,
  chart_number_date_format_multiply_divide_constant = NULL,
  chart_number_date_format_exponentiate_constant = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
```

```
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
```

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  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
```

```
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
bubble_alignment	Alignment of bubbles. Choices: center, axis. Flourish type hint: string, defaults to NULL
margin_bubbles	Space between bubbles. Flourish type hint: number, defaults to NULL
animation_duration	Animation duration. in seconds. Flourish type hint: number, defaults to NULL
height_mode	Height mode. Choices: fill_space, aspect. Fill space: the graphic will fill the container (which by default will be the the standard Flourish responsive chart size) Aspect ratio: sets the aspect of the chart. This setting is ignored when embedded in a fixed-height context, such as a simple iframe embedFlourish type hint: string, defaults to NULL
aspect_ratio	Aspect (desktop). Height of the plot as a proportion of its width, between 0 and 1. Flourish type hint: number, defaults to NULL
aspect_ratio_mobile	Aspect (mobile). Height of the plot as a proportion of its width, between 0 and 1. Flourish type hint: number, defaults to NULL
aspect_ratio_breakpoint	Breakpoint. The width at which mobile mode ends and desktop begins. Flourish type hint: number, defaults to NULL
circle_background_color	Color. Default color. Flourish type hint: color, defaults to NULL
chart_color_scale_categorical_palette	Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

circle_background_border
: Border. Flourish type hint: number, defaults to NULL

image_opacity
: Opacity. Flourish type hint: number, defaults to NULL

label_font_weight
: Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

label_font_style
: Style. Choices: normal, italic. Flourish type hint: string, defaults to NULL

label_font_case
: Case. Choices:, uppercase. Flourish type hint: string, defaults to NULL

label_font_color
: Color. Defaults to contrast coloring when no image is set. Flourish type hint: color, defaults to NULL

label_shadow
: Text shadow. Flourish type hint: boolean, defaults to NULL

enable_highlighting
: Enable highlighting. Flourish type hint: boolean, defaults to NULL

selected_bubbles
: Highlight bubbles. To highlight bubbles, write the name of each bubble on a new line. You can also create a story and highlight/unhighlight by clicking. Flourish type hint: text, defaults to NULL

opacity_highlighted
: Opacity of highlighted bubble. Flourish type hint: number, defaults to NULL

opacity_not_highlighted
: Opacity of all other bubbles. Flourish type hint: number, defaults to NULL

highlight_pictures
: Show pictures only on highlighted bubbles. Flourish type hint: boolean, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

show_legend_axis
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

axis_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

axis_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_size_legend_show_legend
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_size_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_size_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_size_legend_shape_fill
: Shape fill. Flourish type hint: color, defaults to NULL

chart_size_legend_shape_stroke
: Shape stroke. Hint: set to same value as fill for no stroke. Flourish type hint: color, defaults to NULL

chart_size_legend_clip_height
: Max height. Maximum height of shape (relative to root font size). Flourish type hint: number, defaults to NULL

chart_size_legend_small_symbol_size
: Small/large proportion. Proportion of the smallest symbols value compared to the biggest symbols value. 0.5 means its half the value of the big symbol. Flourish type hint: number, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax {{#if column_name}}Content for non-empty colum For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_number_localization_input_decimal_separator
: Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
: Number format to display. Choices: ,., .,, ., ,, ., ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "bubble", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_bubble_chart_data(gapminder) |>
  set_bubble_chart_details()
)
```

---

set_calculator_details

Set calculator chart details

Description

Set calculator chart details

Usage

```
set_calculator_details(
  .,
  question_flow = NULL,
  design_border_type = NULL,
  design_border_color = NULL,
  design_background = NULL,
  design_advanced = NULL,
  design_align_horizontal = NULL,
  design_align_vertical = NULL,
  design_max_width = NULL,
  design_margin_vertical = NULL,
  design_padding_vertical = NULL,
  design_padding_horizontal = NULL,
  design_border_width = NULL,
  design_border_style = NULL,
  design_border_radius = NULL,
  design_shadow = NULL,
  design_shadow_color = NULL,
  result_variables = NULL,
  result_input = NULL,
  result_advanced = NULL,
  result_font_size = NULL,
  result_font_size_custom = NULL,
  result_font_color = NULL,
  result_font_weight = NULL,
  result_font_style = NULL,
```

```
result_border_type = NULL,
result_border_width = NULL,
result_border_style = NULL,
result_border_color = NULL,
result_bg_type = NULL,
result_bg_color = NULL,
result_bg_image_src = NULL,
result_bg_image_size = NULL,
design_question_font_size = NULL,
design_question_font_size_custom = NULL,
design_question_font_color = NULL,
design_question_font_weight = NULL,
design_question_font_style = NULL,
design_question_margin_vertical = NULL,
design_question_margin_horizontal = NULL,
design_question_padding = NULL,
design_context_font_size = NULL,
design_context_font_size_custom = NULL,
design_context_font_color = NULL,
design_context_font_weight = NULL,
design_context_font_style = NULL,
design_context_margin_vertical = NULL,
design_context_margin_horizontal = NULL,
design_question_bg_color = NULL,
design_question_bg_opacity = NULL,
design_question_border_radius = NULL,
design_answer_margin_vertical = NULL,
design_answer_margin_horizontal = NULL,
input_color = NULL,
input_background_color = NULL,
input_width = NULL,
number_input_placeholder = NULL,
text_input_placeholder = NULL,
input_input_advanced = NULL,
input_border_color = NULL,
input_border_radius = NULL,
input_border_width = NULL,
input_border_style = NULL,
input_align = NULL,
input_margin = NULL,
input_padding = NULL,
button_font_size = NULL,
button_font_size_custom = NULL,
chart_button_control_style_background = NULL,
chart_button_control_style_background_selected = NULL,
chart_button_control_style_background_hover = NULL,
chart_button_control_style_font_color = NULL,
chart_button_control_style_font_color_selected = NULL,
```

```
  chart_button_control_style_font_color_hover = NULL,
  chart_button_control_style_button_styles_advanced = NULL,
  chart_button_control_style_border_width = NULL,
  chart_button_control_style_border_color = NULL,
  chart_button_control_style_border_transparency = NULL,
  chart_button_control_style_border_radius = NULL,
  button_border_style = NULL,
  button_container_width = NULL,
  button_justify_content = NULL,
  button_margin = NULL,
  button_padding_factor = NULL,
  dropdown_font_size = NULL,
  dropdown_font_size_custom = NULL,
  dropdown_placeholder = NULL,
  chart_dropdown_control_style_background = NULL,
  chart_dropdown_control_style_font_color = NULL,
  chart_dropdown_control_style_border_styles_advanced = NULL,
  chart_dropdown_control_style_border_style = NULL,
  chart_dropdown_control_style_border_width = NULL,
  chart_dropdown_control_style_border_color = NULL,
  chart_dropdown_control_style_border_transparency = NULL,
  chart_dropdown_control_style_border_radius = NULL,
  dropdown_padding_factor = NULL,
  dropdown_border_style = NULL,
  dropdown_font_weight = NULL,
  dropdown_font_style = NULL,
  dropdown_shadow = NULL,
  dropdown_shadow_color = NULL,
  date_format = NULL,
  date_input_placeholder = NULL,
  date_advanced = NULL,
  date_width = NULL,
  date_margin = NULL,
  date_padding = NULL,
  date_border_width = NULL,
  date_border_style = NULL,
  date_border_color = NULL,
  date_border_radius = NULL,
  date_align = NULL,
  date_calendar_position_vertical = NULL,
  date_calendar_position_horizontal = NULL,
  rating_icon_type = NULL,
  rating_icon_fill_base = NULL,
  rating_icon_stroke_base = NULL,
  rating_icon_fill_active = NULL,
  rating_icon_stroke_active = NULL,
  rating_advanced = NULL,
  rating_icon_width = NULL,
```

```
rating_icon_height = NULL,
rating_icon_margin = NULL,
rating_icon_stroke_width = NULL,
rating_container_width = NULL,
rating_wrap_margin_vertical = NULL,
rating_wrap_margin_horizontal = NULL,
rating_wrap_padding_vertical = NULL,
rating_wrap_padding_horizontal = NULL,
rating_label_width = NULL,
rating_label_color = NULL,
rating_label_position = NULL,
chart_slider_filter_controls_handle_color = NULL,
chart_slider_filter_controls_track_active_color = NULL,
chart_slider_filter_controls_track_base_color = NULL,
chart_slider_filter_controls_handle_size = NULL,
chart_slider_filter_controls_ticks = NULL,
chart_slider_filter_controls_advanced = NULL,
chart_slider_filter_controls_container_width = NULL,
chart_slider_filter_controls_wrap_margin_vertical = NULL,
chart_slider_filter_controls_wrap_margin_horizontal = NULL,
chart_slider_filter_controls_track_height = NULL,
chart_slider_filter_controls_track_border_radius = NULL,
chart_slider_filter_controls_track_border_color = NULL,
chart_slider_filter_controls_track_border_width = NULL,
chart_slider_filter_controls_handle_shape = NULL,
chart_slider_filter_controls_handle_width = NULL,
chart_slider_filter_controls_handle_border_color = NULL,
chart_slider_filter_controls_handle_border_width = NULL,
chart_slider_filter_controls_handle_border_radius = NULL,
chart_slider_filter_controls_handle_box_shadow = NULL,
chart_slider_filter_controls_tooltips = NULL,
chart_slider_filter_controls_tooltip_background = NULL,
chart_slider_filter_controls_tick_color = NULL,
chart_slider_filter_controls_tick_padding = NULL,
chart_slider_filter_controls_tick_number_padding = NULL,
submit_comment_text = NULL,
submit_button_text = NULL,
submit_bg_type = NULL,
submit_bg_color = NULL,
submit_bg_image_src = NULL,
submit_border = NULL,
submit_bg_image_size = NULL,
submit_advanced = NULL,
submit_comment_font_size = NULL,
submit_comment_font_size_custom = NULL,
submit_comment_font_weight = NULL,
submit_comment_font_style = NULL,
submit_flex_direction = NULL,
```

```
  submit_comment_font_color = NULL,
  submit_comment_margin = NULL,
  submit_button_font_size = NULL,
  submit_button_font_size_custom = NULL,
  submit_button_font_weight = NULL,
  submit_button_font_style = NULL,
  submit_button_margin = NULL,
  submit_button_padding_factor = NULL,
  submit_button_box_shadow = NULL,
  submit_button_use_default_styles = NULL,
  submit_button_bg_color = NULL,
  submit_button_bg_color_hover = NULL,
  submit_button_font_color = NULL,
  submit_button_font_color_hover = NULL,
  submit_button_border_style = NULL,
  submit_button_border_color = NULL,
  submit_button_border_width = NULL,
  submit_button_border_transparency = NULL,
  submit_button_border_radius = NULL,
  design_controls_position = NULL,
  design_controls_button_symbol_back = NULL,
  design_controls_button_symbol_forward = NULL,
  design_controls_button_font_color = NULL,
  design_controls_button_font_size = NULL,
  design_controls_advanced = NULL,
  design_controls_button_margin = NULL,
  design_controls_button_padding_factor = NULL,
  design_controls_button_bg_color = NULL,
  design_controls_button_bg_opacity = NULL,
  design_controls_button_font_weight = NULL,
  design_controls_button_font_style = NULL,
  design_controls_button_border_width = NULL,
  design_controls_button_border_style = NULL,
  design_controls_button_border_color = NULL,
  design_controls_button_border_radius = NULL,
  design_progress_show = NULL,
  design_progress_position = NULL,
  design_progress_height = NULL,
  design_progress_margin = NULL,
  design_progress_bg_color = NULL,
  design_progress_bg_opacity = NULL,
  chart_number_date_format_prefix = NULL,
  chart_number_date_format_suffix = NULL,
  chart_number_date_format_n_dec = NULL,
  chart_number_date_format_advanced = NULL,
  chart_number_date_format_negative_sign = NULL,
  chart_number_date_format_strip_zeros = NULL,
  chart_number_date_format_strip_separator = NULL,
```

```
chart_number_date_format_transform_labels = NULL,
chart_number_date_format_transform = NULL,
chart_number_date_format_multiply_divide_constant = NULL,
chart_number_date_format_exponentiate_constant = NULL,
chart_number_localization_input_decimal_separator = NULL,
chart_number_localization_output_separators = NULL,
external_write_enabled = NULL,
external_write_endpoint = NULL,
chart_layout_body_font = NULL,
chart_layout_font_color = NULL,
chart_layout_background_color_enabled = NULL,
chart_layout_background_image_enabled = NULL,
chart_layout_background_color = NULL,
chart_layout_background_image_src = NULL,
chart_layout_background_image_size = NULL,
chart_layout_background_image_position = NULL,
chart_layout_max_width_target = NULL,
chart_layout_max_width = NULL,
chart_layout_max_width_align = NULL,
chart_layout_layout_order = NULL,
chart_layout_space_between_sections = NULL,
chart_layout_space_between_sections_custom = NULL,
chart_layout_margin_top = NULL,
chart_layout_margin_right = NULL,
chart_layout_margin_bottom = NULL,
chart_layout_margin_left = NULL,
chart_layout_border_enabled = NULL,
chart_layout_border_top_width = NULL,
chart_layout_border_top_style = NULL,
chart_layout_border_top_color = NULL,
chart_layout_border_right_width = NULL,
chart_layout_border_right_style = NULL,
chart_layout_border_right_color = NULL,
chart_layout_border_bottom_width = NULL,
chart_layout_border_bottom_style = NULL,
chart_layout_border_bottom_color = NULL,
chart_layout_border_left_width = NULL,
chart_layout_border_left_style = NULL,
chart_layout_border_left_color = NULL,
chart_layout_read_direction = NULL,
chart_layout_font_size_mobile_small = NULL,
chart_layout_font_size_mobile_big = NULL,
chart_layout_font_size_tablet = NULL,
chart_layout_font_size_desktop = NULL,
chart_layout_font_size_big_screen = NULL,
chart_layout_breakpoint_mobile_small = NULL,
chart_layout_breakpoint_mobile_big = NULL,
chart_layout_breakpoint_tablet = NULL,
```

```
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
```

```
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
question_flow	Question flow. Choices: vertical, horizontal. Flourish type hint: string, defaults to NULL
design_border_type	Border. Choices: border-bottom, border. Flourish type hint: string, defaults to NULL
design_border_color	Border color. Flourish type hint: color, defaults to NULL

`design_background`
: Background. The background color of the cards. If not set, the background color in Layout is used. Flourish type hint: color, defaults to `NULL`

`design_advanced`
: Advanced. Flourish type hint: boolean, defaults to `NULL`

`design_align_horizontal`
: Align. Choices: start, center, end. Flourish type hint: string, defaults to `NULL`

`design_align_vertical`
: Position. Choices: start, center, flex-end. Set the vertical text position if the window height is fixed and the text doesnt stretch across the full vertical card space. Flourish type hint: string, defaults to `NULL`

`design_max_width`
: Max width (%). Flourish type hint: number, defaults to `NULL`

`design_margin_vertical`
: Vertical margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to `NULL`

`design_padding_vertical`
: Vertical padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to `NULL`

`design_padding_horizontal`
: Horizontal padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to `NULL`

`design_border_width`
: Border width. Flourish type hint: number, defaults to `NULL`

`design_border_style`
: Border style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to `NULL`

`design_border_radius`
: Roundness. Flourish type hint: number, defaults to `NULL`

`design_shadow`
: Shadow. Flourish type hint: boolean, defaults to `NULL`

`design_shadow_color`
: Shadow color. Shadow color as an RGBA value (red, green, blue, alpha). The alpha parameter is a number between 0.0 (fully transparent) and 1.0 (fully opaque). Flourish type hint: string, defaults to `NULL`

`result_variables`
: Variables. Define variables to use in the Result field below. Set one variable per line in the format name = value Values can be: Numbers Text (single quotes for spaces) Question references like q_2 with the number representing the row number of each question in the Questions datasheet Previously defined variables (if wrapped into square brackets) which will resolve to the answered value Excel functions, e.g., a = SUM(q_2, q_3) Flourish type hint: text, defaults to `NULL`

`result_input`
: Result. Here you can compose your result view You have access to all variables you created above as well as all "q_" variables by referencing them in double curly braces like for example: `{{ my_variable }}` or `{{ q_6 }}` Flourish type hint: html, defaults to `NULL`

result_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

result_font_size
: Text size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

result_font_size_custom
: Custom. Specify a custom responsive text size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

result_font_color
: Color. Flourish type hint: color, defaults to NULL

result_font_weight
: Text weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

result_font_style
: Text style. Choices: normal, italic. Flourish type hint: string, defaults to NULL

result_border_type
: Border. Choices: border-bottom, border. Flourish type hint: string, defaults to NULL

result_border_width
: Border width. Flourish type hint: number, defaults to NULL

result_border_style
: Border style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

result_border_color
: Border color. Flourish type hint: color, defaults to NULL

result_bg_type
: Background. Choices: color, image. Flourish type hint: string, defaults to NULL

result_bg_color
: Background color. Flourish type hint: color, defaults to NULL

result_bg_image_src
: Image URL. Flourish type hint: url, defaults to NULL

result_bg_image_size
: Image size. Choices: auto, cover, contain. Flourish type hint: string, defaults to NULL

design_question_font_size
: Text size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

design_question_font_size_custom
: Custom. Specify a custom responsive text size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

design_question_font_color
: Color. The text color used for your questions. If not set, the text color in Layout is used. Flourish type hint: color, defaults to NULL

design_question_font_weight
: Text weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

design_question_font_style
: Text style. Choices: normal, italic. Flourish type hint: string, defaults to NULL

design_question_margin_vertical
: Vertical margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

design_question_margin_horizontal
: Horizontal margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

design_question_padding
: Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

design_context_font_size
: Text size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

design_context_font_size_custom
: Custom. Specify a custom responsive text size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

design_context_font_color
: Color. The text color used for your question context. If not set, the text color in Layout is used. Flourish type hint: color, defaults to NULL

design_context_font_weight
: Text weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

design_context_font_style
: Text style. Choices: normal, italic. Flourish type hint: string, defaults to NULL

design_context_margin_vertical
: Vertical margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

design_context_margin_horizontal
: Horizontal margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

design_question_bg_color
: Background color. The background color for your questions and context. To change the background color of the whole question card, go to the General design settings. Flourish type hint: color, defaults to NULL

design_question_bg_opacity
: Background opacity. The opacity of the question background color. Flourish type hint: number, defaults to NULL

design_question_border_radius
: Roundness. The roundness of the question background container. Flourish type hint: number, defaults to NULL

design_answer_margin_vertical
: Vertical margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

design_answer_margin_horizontal
: Horizontal margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

input_color
: Color. Flourish type hint: color, defaults to NULL

input_background_color
: Background color. Flourish type hint: color, defaults to NULL

input_width
: Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

number_input_placeholder
: Number input placeholder. Flourish type hint: string, defaults to NULL

text_input_placeholder
: Text input placeholder. Flourish type hint: string, defaults to NULL

input_input_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

input_border_color
: Border color. Flourish type hint: color, defaults to NULL

input_border_radius
: Roundness. Flourish type hint: number, defaults to NULL

input_border_width
: Border width. Flourish type hint: number, defaults to NULL

input_border_style
: Border style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

input_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

input_margin
: Margin. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

input_padding
: Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

button_font_size
: Text size. Choices: 1, 1.2, 1.6, custom. Flourish type hint: string, defaults to NULL

button_font_size_custom
: Custom. Specify a custom responsive text size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

button_border_style
: Border style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

button_container_width
: Button group width (%). The width of the button group as a percentage of the card width. Flourish type hint: number, defaults to NULL

button_justify_content
: Align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

button_margin
: Margin. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

button_padding_factor
: Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

dropdown_font_size
: Text size. Choices: 1, 1.2, 1.6, custom. Flourish type hint: string, defaults to NULL

dropdown_font_size_custom
: Custom. Specify a custom responsive text size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

dropdown_placeholder
: Placeholder. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

dropdown_padding_factor
: Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

dropdown_border_style
: Border look. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

dropdown_font_weight
: Text weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

dropdown_font_style
: Text style. Choices: normal, italic. Flourish type hint: string, defaults to NULL

dropdown_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

dropdown_shadow_color
: Shadow color. Flourish type hint: string, defaults to NULL

date_format
: Format. Choices: y-m-d, d/m/_y, d/m/y, j/n/_y, j/n/y, d-m-_y, d-m-y, j-n-_y, j-n-y, d.m._y, d.m.y, j.n._y, j.n.y, m/d/_y, m/d/y, n/j/_y, n/j/y, m-d-_y, m-d-y, n-j-_y, n-j-y, m j, _y, f j, _y. Flourish type hint: string, defaults to NULL

date_input_placeholder
: Placeholder. Flourish type hint: string, defaults to NULL

date_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

date_width
: Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

date_margin
: Margin. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

date_padding
: Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

date_border_width
: Border width. Flourish type hint: number, defaults to NULL

date_border_style
: Border style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

date_border_color
: Border color. Flourish type hint: color, defaults to NULL

date_border_radius
: Roundness. Flourish type hint: number, defaults to NULL

date_align
: Text alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

date_calendar_position_vertical
: Calendar vertical position. Choices: auto, above, below. Flourish type hint: string, defaults to NULL

date_calendar_position_horizontal
: Calendar horizontal position. Choices: left, center, right. Flourish type hint: string, defaults to NULL

`rating_icon_type`
: Choices: star, circle, check. Flourish type hint: string, defaults to `NULL`

`rating_icon_fill_base`
: Base fill color. Flourish type hint: color, defaults to `NULL`

`rating_icon_stroke_base`
: Base stroke color. Flourish type hint: color, defaults to `NULL`

`rating_icon_fill_active`
: Active fill color. Flourish type hint: color, defaults to `NULL`

`rating_icon_stroke_active`
: Active stroke color. Flourish type hint: color, defaults to `NULL`

`rating_advanced`
: Advanced. Flourish type hint: boolean, defaults to `NULL`

`rating_icon_width`
: Width. Flourish type hint: number, defaults to `NULL`

`rating_icon_height`
: Height. Flourish type hint: number, defaults to `NULL`

`rating_icon_margin`
: Vertical margin. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to `NULL`

`rating_icon_stroke_width`
: Stroke width (px). Flourish type hint: number, defaults to `NULL`

`rating_container_width`
: Rating group width (%). The width of the rating group as a percentage of the card width. Flourish type hint: number, defaults to `NULL`

`rating_wrap_margin_vertical`
: Vertical margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to `NULL`

`rating_wrap_margin_horizontal`
: Horizontal margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to `NULL`

`rating_wrap_padding_vertical`
: Vertical padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to `NULL`

`rating_wrap_padding_horizontal`
: Horizontal padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to `NULL`

`rating_label_width`
: Width. Flourish type hint: number, defaults to `NULL`

`rating_label_color`
: Color. Flourish type hint: color, defaults to `NULL`

`rating_label_position`
: Position. Choices: above, below. Flourish type hint: string, defaults to `NULL`

`chart_slider_filter_controls_handle_color`
: Handle color. Flourish type hint: color, defaults to `NULL`

chart_slider_filter_controls_track_active_color
: Track active color. Flourish type hint: color, defaults to NULL

chart_slider_filter_controls_track_base_color
: Track background color. Flourish type hint: color, defaults to NULL

chart_slider_filter_controls_handle_size
: Handle size. percentage of track height. Flourish type hint: number, defaults to NULL

chart_slider_filter_controls_ticks
: Range ticks. Display the minimum and the maximum of the range at the left and right. Flourish type hint: boolean, defaults to NULL

chart_slider_filter_controls_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_slider_filter_controls_container_width
: Track width (%). The width of the track as a percentage of the card width. Flourish type hint: number, defaults to NULL

chart_slider_filter_controls_wrap_margin_vertical
: Vertical margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

chart_slider_filter_controls_wrap_margin_horizontal
: Horizontal margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

chart_slider_filter_controls_track_height
: Height. Flourish type hint: number, defaults to NULL

chart_slider_filter_controls_track_border_radius
: Roundness. Flourish type hint: number, defaults to NULL

chart_slider_filter_controls_track_border_color
: Border color. Flourish type hint: color, defaults to NULL

chart_slider_filter_controls_track_border_width
: Border width. The width of the border around the card, in rems Flourish type hint: number, defaults to NULL

chart_slider_filter_controls_handle_shape
: Shape. Choices: rectangle, circle. Flourish type hint: string, defaults to NULL

chart_slider_filter_controls_handle_width
: Width. % of Size (the handle height). Flourish type hint: number, defaults to NULL

chart_slider_filter_controls_handle_border_color
: Stroke color. Flourish type hint: color, defaults to NULL

chart_slider_filter_controls_handle_border_width
: Stroke width. Flourish type hint: number, defaults to NULL

chart_slider_filter_controls_handle_border_radius
: Roundness. Flourish type hint: number, defaults to NULL

chart_slider_filter_controls_handle_box_shadow
: Box shadow. Flourish type hint: boolean, defaults to NULL

chart_slider_filter_controls_tooltips
: Tooltip. Flourish type hint: boolean, defaults to NULL

chart_slider_filter_controls_tooltip_background
: Tooltip background. Flourish type hint: boolean, defaults to NULL

chart_slider_filter_controls_tick_color
: Tick color. Flourish type hint: color, defaults to NULL

chart_slider_filter_controls_tick_padding
: Tick padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

chart_slider_filter_controls_tick_number_padding
: Number padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

submit_comment_text
: Submit label. Flourish type hint: text, defaults to NULL

submit_button_text
: Submit button text. Flourish type hint: string, defaults to NULL

submit_bg_type
: Background. Choices: color, image. Flourish type hint: string, defaults to NULL

submit_bg_color
: Color. Flourish type hint: color, defaults to NULL

submit_bg_image_src
: Image URL. Flourish type hint: url, defaults to NULL

submit_border
: Border. Flourish type hint: boolean, defaults to NULL

submit_bg_image_size
: Image size. Choices: auto, cover, contain. Flourish type hint: string, defaults to NULL

submit_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

submit_comment_font_size
: Label size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

submit_comment_font_size_custom
: Custom. Specify a custom responsive text size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

submit_comment_font_weight
: Text weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

submit_comment_font_style
: Text style. Choices: normal, italic. Flourish type hint: string, defaults to NULL

submit_flex_direction
: Label position. Choices: column, column-reverse. Flourish type hint: string, defaults to NULL

submit_comment_font_color
: Label color. Flourish type hint: color, defaults to NULL

submit_comment_margin
: Vertical margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

submit_button_font_size
: Button text size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

submit_button_font_size_custom
: Custom. Specify a custom responsive text size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

submit_button_font_weight
: Button text weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

submit_button_font_style
: Text style. Choices: normal, italic. Flourish type hint: string, defaults to NULL

submit_button_margin
: Margin. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

submit_button_padding_factor
: Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

submit_button_box_shadow
: Hover shadow. Flourish type hint: boolean, defaults to NULL

submit_button_use_default_styles
: Use answer button styles. Flourish type hint: boolean, defaults to NULL

submit_button_bg_color
: Background. Flourish type hint: color, defaults to NULL

submit_button_bg_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

submit_button_font_color
: Text color. Flourish type hint: color, defaults to NULL

submit_button_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

submit_button_border_style
: Border style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

submit_button_border_color
: Color. Flourish type hint: color, defaults to NULL

submit_button_border_width
: Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

submit_button_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

submit_button_border_radius
: Roundness. Flourish type hint: number, defaults to NULL

design_controls_position
: Position. Choices: top_left, top_centre, top_right, bottom_left, bottom_centre, bottom_right. Flourish type hint: string, defaults to NULL

design_controls_button_symbol_back
: Back button. Flourish type hint: string, defaults to NULL

design_controls_button_symbol_forward
: Forward button. Flourish type hint: string, defaults to NULL

design_controls_button_font_color
: Color. Flourish type hint: color, defaults to NULL

design_controls_button_font_size
: Size. Flourish type hint: number, defaults to NULL

design_controls_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

design_controls_button_margin
: Margin. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

design_controls_button_padding_factor
: Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

design_controls_button_bg_color
: Background color. Flourish type hint: color, defaults to NULL

design_controls_button_bg_opacity
: Background opacity. Flourish type hint: number, defaults to NULL

design_controls_button_font_weight
: Text weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

design_controls_button_font_style
: Text style. Choices: normal, italic. Flourish type hint: string, defaults to NULL

design_controls_button_border_width
: Border width. Flourish type hint: number, defaults to NULL

design_controls_button_border_style
: Border style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

design_controls_button_border_color
: Border color. Flourish type hint: color, defaults to NULL

design_controls_button_border_radius
: Roundness. Flourish type hint: number, defaults to NULL

design_progress_show
: Show progress bar. Flourish type hint: boolean, defaults to NULL

design_progress_position
: Position. Choices: top, bottom. Flourish type hint: string, defaults to NULL

design_progress_height
: Height. Flourish type hint: number, defaults to NULL

design_progress_margin
: Horizontal margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

design_progress_bg_color
: Background color. Flourish type hint: color, defaults to NULL

design_progress_bg_opacity
: Background opacity. Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_number_localization_input_decimal_separator
: Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
: Number format to display. Choices: ,., .,, ., , ., ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

external_write_enabled
: Store result data externally. Flourish type hint: boolean, defaults to NULL

external_write_endpoint
: Storage endpoint. Your external database, store, API or web app endpoint to post data to. If you were to use Google Sheets to store your data, please check the External write docs for integration help. Flourish type hint: string, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_align`
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to `NULL`

`chart_layout_header_logo_position_inside`
: Position. Choices: top, left, right. Flourish type hint: string, defaults to `NULL`

`chart_layout_header_logo_position_outside`
: Position. Choices: left, right. Flourish type hint: string, defaults to `NULL`

`chart_layout_header_logo_margin_top`
: Top. Flourish type hint: number, defaults to `NULL`

`chart_layout_header_logo_margin_right`
: Right. Flourish type hint: number, defaults to `NULL`

`chart_layout_header_logo_margin_bottom`
: Bottom. Flourish type hint: number, defaults to `NULL`

`chart_layout_header_logo_margin_left`
: Left. Flourish type hint: number, defaults to `NULL`

`chart_layout_footer_align`
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_text_size`
: Size. Flourish type hint: number, defaults to `NULL`

`chart_layout_footer_text_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_layout_footer_styling`
: Advanced footer styles. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_footer_font`
: Font. Flourish type hint: font, defaults to `NULL`

`chart_layout_footer_text_weight`
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to `NULL`

`chart_layout_source_name`
: Source name. Flourish type hint: string, defaults to `NULL`

`chart_layout_source_url`
: Source url. Flourish type hint: string, defaults to `NULL`

`chart_layout_multiple_sources`
: Multiple sources. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_source_name_2`
: Source name. Flourish type hint: string, defaults to `NULL`

`chart_layout_source_url_2`
: Source url. Flourish type hint: string, defaults to `NULL`

`chart_layout_source_name_3`
: Source name. Flourish type hint: string, defaults to `NULL`

`chart_layout_source_url_3`
: Source url. Flourish type hint: string, defaults to `NULL`

`chart_layout_source_label`
: Source label. Flourish type hint: string, defaults to `NULL`

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "calculator", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_calculator_data(gapminder) |>
  set_calculator_details()
)
```

---

set_cards_details *Set cards chart details*

Description

Set cards chart details

Usage

```
set_cards_details(
  .,
  mode = NULL,
  carousel_channel_background = NULL,
  carousel_bar_background = NULL,
  carousel_channel_height = NULL,
```

```
  autoplay_enabled = NULL,
  autoplay_duration = NULL,
  autoplay_loop = NULL,
  autoplay_pause_when = NULL,
  autoplay_btn_visible = NULL,
  autoplay_btn_position = NULL,
  autoplay_btn_size = NULL,
  autoplay_btn_background = NULL,
  autoplay_btn_opacity = NULL,
  autoplay_btn_color = NULL,
  card_layout = NULL,
  card_order = NULL,
  card_width_portrait = NULL,
  card_width_landscape = NULL,
  card_width_stretch = NULL,
  card_width_stretch_percent = NULL,
  card_padding_top = NULL,
  card_padding_right = NULL,
  card_padding_bottom = NULL,
  card_padding_left = NULL,
  card_horizontal_margin = NULL,
  card_vertical_margin = NULL,
  card_border_color = NULL,
  card_border_width = NULL,
  card_shape = NULL,
  card_radius = NULL,
  card_shadow = NULL,
  card_shadow_color = NULL,
  card_shadow_blur = NULL,
  template_customise = NULL,
  template_simple_custom = NULL,
  content_vertical_align = NULL,
  content_horizontal_padding = NULL,
  title_color = NULL,
  title_fontsize = NULL,
  title_weight = NULL,
  title_advanced = NULL,
  title_opacity = NULL,
  title_space_above = NULL,
  title_space_below = NULL,
  title_lineheight = NULL,
  title_minheight = NULL,
  title_align = NULL,
  subtitle_color = NULL,
  subtitle_fontsize = NULL,
  subtitle_weight = NULL,
  subtitle_advanced = NULL,
  subtitle_opacity = NULL,
```

```
  subtitle_space_above = NULL,
  subtitle_space_below = NULL,
  subtitle_lineheight = NULL,
  subtitle_minheight = NULL,
  subtitle_align = NULL,
  text_color = NULL,
  text_fontsize = NULL,
  text_weight = NULL,
  text_advanced = NULL,
  text_opacity = NULL,
  text_space_between = NULL,
  text_lineheight = NULL,
  text_minheight = NULL,
  text_align = NULL,
  text_column_names = NULL,
  text_column_separator = NULL,
  text_column_weight = NULL,
  text_column_separator_custom = NULL,
  image_width_portrait = NULL,
  image_width_landscape = NULL,
  image_aspect_ratio = NULL,
  image_sizing = NULL,
  image_horizontal_margin = NULL,
  image_vertical_margin = NULL,
  card_space_between = NULL,
  image_border_color = NULL,
  image_border_width = NULL,
  image_shape = NULL,
  image_radius = NULL,
  image_styling = NULL,
  image_opacity = NULL,
  image_contrast = NULL,
  image_brightness = NULL,
  image_blend_mode = NULL,
  image_blackwhite = NULL,
  image_missing = NULL,
  image_missing_icon = NULL,
  card_background_mode = NULL,
  card_background_color = NULL,
  card_background_mode_category = NULL,
  card_background_color_category = NULL,
  image_background_mode = NULL,
  image_background_color = NULL,
  image_background_mode_category = NULL,
  image_background_color_category = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
```

```
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  chart_popup_mode = NULL,
  chart_popup_popup_is_custom = NULL,
  chart_popup_show_popup_styles = NULL,
  chart_popup_popup_custom_header = NULL,
  chart_popup_popup_custom_main = NULL,
  chart_popup_popup_custom_accessible = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
  chart_popup_popup_text_color = NULL,
  chart_popup_popup_align = NULL,
  chart_popup_popup_background = NULL,
  chart_popup_popup_background_opacity = NULL,
  chart_popup_popup_padding = NULL,
  chart_popup_popup_radius = NULL,
  chart_popup_popup_header_type = NULL,
  chart_popup_popup_header_background = NULL,
  chart_popup_popup_header_text_color = NULL,
  chart_popup_popup_list_type = NULL,
  chart_popup_popup_list_label_weight = NULL,
  chart_popup_popup_list_separator = NULL,
  chart_popup_popup_shadow = NULL,
  chart_popup_popup_pointer = NULL,
  chart_popup_panel_position = NULL,
  chart_popup_panel_open_duration = NULL,
  chart_popup_panel_side_fixed = NULL,
```

```
  chart_popup_panel_side_default_content = NULL,
  chart_popup_panel_is_custom = NULL,
  chart_popup_show_panel_styles = NULL,
  chart_popup_panel_custom_header = NULL,
  chart_popup_panel_custom_main = NULL,
  chart_popup_panel_width_overlay = NULL,
  chart_popup_panel_height_overlay = NULL,
  chart_popup_panel_width_side = NULL,
  chart_popup_panel_height_side = NULL,
  chart_popup_panel_max_width = NULL,
  chart_popup_panel_max_height = NULL,
  chart_popup_panel_vertical_position = NULL,
  chart_popup_panel_text_color = NULL,
  chart_popup_panel_font_size = NULL,
  chart_popup_panel_align = NULL,
  chart_popup_panel_background = NULL,
  chart_popup_panel_background_opacity = NULL,
  chart_popup_panel_padding = NULL,
  chart_popup_panel_radius = NULL,
  chart_popup_panel_list_type = NULL,
  chart_popup_panel_list_label_weight = NULL,
  chart_popup_panel_list_separator = NULL,
  chart_popup_panel_shadow = NULL,
  chart_legend_container_alignment = NULL,
  chart_legend_container_orientation = NULL,
  chart_legend_container_title_weight = NULL,
  chart_legend_container_text_weight = NULL,
  chart_legend_container_text_color = NULL,
  chart_legend_container_text_size = NULL,
  chart_categorical_legend_show_legend = NULL,
  chart_categorical_legend_title_mode = NULL,
  chart_categorical_legend_title = NULL,
  chart_categorical_legend_swatch_width = NULL,
  chart_categorical_legend_swatch_height = NULL,
  chart_categorical_legend_swatch_radius = NULL,
  chart_categorical_legend_legend_items_padding = NULL,
  chart_categorical_legend_swatch_outline = NULL,
  chart_categorical_legend_swatch_outline_color = NULL,
  chart_categorical_legend_order_override = NULL,
  chart_categorical_legend_icon_height = NULL,
  chart_categorical_legend_icon_color = NULL,
  chart_categorical_legend_max_width = NULL,
  chart_categorical_legend_orientation = NULL,
  legend_filter_mode = NULL,
  chart_filter_controls_container_alignment = NULL,
  chart_filter_controls_container_controls_spacing = NULL,
  chart_filter_controls_control_type = NULL,
  chart_filter_controls_control_styles = NULL,
```

```
chart_filter_controls_control_title = NULL,
chart_filter_controls_button_group = NULL,
chart_filter_controls_button_group_width_mode = NULL,
chart_filter_controls_button_group_width_fixed = NULL,
chart_filter_controls_dropdown_width_mode = NULL,
chart_filter_controls_dropdown_width_fixed = NULL,
chart_filter_controls_slider_width = NULL,
chart_filter_controls_slider_max_label_width = NULL,
chart_filter_controls_slider_step_time = NULL,
chart_filter_controls_slider_loop = NULL,
chart_filter_controls_slider_restart_pause = NULL,
chart_filter_controls_sort = NULL,
filter_show_all = NULL,
filter_show_all_text = NULL,
chart_controls_style_font_size = NULL,
chart_controls_style_font_weight = NULL,
chart_controls_style_height = NULL,
chart_dropdown_control_style_background = NULL,
chart_dropdown_control_style_font_color = NULL,
chart_dropdown_control_style_border_styles_advanced = NULL,
chart_dropdown_control_style_border_style = NULL,
chart_dropdown_control_style_border_width = NULL,
chart_dropdown_control_style_border_color = NULL,
chart_dropdown_control_style_border_transparency = NULL,
chart_dropdown_control_style_border_radius = NULL,
chart_button_control_style_background = NULL,
chart_button_control_style_background_selected = NULL,
chart_button_control_style_background_hover = NULL,
chart_button_control_style_font_color = NULL,
chart_button_control_style_font_color_selected = NULL,
chart_button_control_style_font_color_hover = NULL,
chart_button_control_style_button_styles_advanced = NULL,
chart_button_control_style_border_width = NULL,
chart_button_control_style_border_color = NULL,
chart_button_control_style_border_transparency = NULL,
chart_button_control_style_border_radius = NULL,
chart_slider_control_style_track_color = NULL,
chart_slider_control_style_font_color = NULL,
chart_slider_control_style_handle_color = NULL,
chart_slider_control_style_play_color = NULL,
chart_slider_control_style_track_height = NULL,
chart_slider_control_style_handle_height = NULL,
chart_slider_control_style_play_button = NULL,
audio_click = NULL,
audio_animation = NULL,
chart_layout_body_font = NULL,
chart_layout_font_color = NULL,
chart_layout_background_color_enabled = NULL,
```

```
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
```

```
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
```

```
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL,
  chart_url_settings_enabled = NULL,
  chart_url_settings_whitelist = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
mode	View mode. Choices: grid, carousel. Flourish type hint: string, defaults to NULL
carousel_channel_background	Channel color. Flourish type hint: color, defaults to NULL
carousel_bar_background	Bar color. Flourish type hint: color, defaults to NULL
carousel_channel_height	Channel height. Flourish type hint: number, defaults to NULL
autoplay_enabled	Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
autoplay_duration	Duration. Flourish type hint: number, defaults to NULL
autoplay_loop	Loop. Flourish type hint: boolean, defaults to NULL
autoplay_pause_when	Pause on interaction. Choices: never, hover, popup, hover_popup. Flourish type hint: string, defaults to NULL

autoplay_btn_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

autoplay_btn_position
: Position. Choices: top_left, top_right, bottom_left, bottom_right. Flourish type hint: string, defaults to NULL

autoplay_btn_size
: Size. Flourish type hint: number, defaults to NULL

autoplay_btn_background
: Background. Flourish type hint: color, defaults to NULL

autoplay_btn_opacity
: Opacity. Flourish type hint: number, defaults to NULL

autoplay_btn_color
: Icon. Flourish type hint: color, defaults to NULL

card_layout
: Card layout. Choices: portrait, landscape, absolute. Flourish type hint: string, defaults to NULL

card_order
: Card structure. Choices: stack-default, stack-2, stack-3, stack-4. Flourish type hint: string, defaults to NULL

card_width_portrait
: Width. Flourish type hint: number, defaults to NULL

card_width_landscape
: Width. Flourish type hint: number, defaults to NULL

card_width_stretch
: Stretch cards to fill. Flourish type hint: boolean, defaults to NULL

card_width_stretch_percent
: Stretch. How much the cards are allowed to scale up to fill the space, in %. When too much stretch would be required, cards are scaled down to add a column to the grid. Flourish type hint: number, defaults to NULL

card_padding_top
: Top. Flourish type hint: number, defaults to NULL

card_padding_right
: Right. Flourish type hint: number, defaults to NULL

card_padding_bottom
: Bottom. Flourish type hint: number, defaults to NULL

card_padding_left
: Left. Flourish type hint: number, defaults to NULL

card_horizontal_margin
: Horizontal. Flourish type hint: number, defaults to NULL

card_vertical_margin
: Vertical. Flourish type hint: number, defaults to NULL

card_border_color
: Border color. Flourish type hint: color, defaults to NULL

card_border_width
: Weight. Flourish type hint: number, defaults to NULL

card_shape
: Shape. Choices: circle, square. Flourish type hint: string, defaults to NULL

`card_radius` Roundness. Flourish type hint: number, defaults to `NULL`

`card_shadow` Shadow behind card. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`card_shadow_color`
Color. Flourish type hint: color, defaults to `NULL`

`card_shadow_blur`
Blur. Flourish type hint: number, defaults to `NULL`

`template_customise`
Customize card HTML. Flourish type hint: boolean, defaults to `NULL`

`template_simple_custom`
Custom HTML. Custom HTML can be used for flippable cards, text on hover, embedded Flourish charts, etc. Refer to columns using `{{column_name}}` If a column name has spaces, wrap in square brackets, like `{{column name}}` If a column includes HTML, prevent escaping HTML by wrapping in triple curly brackets. For example: `{{{column_name}}}` Use handlebar syntax for conditions, etc. Flourish type hint: html, defaults to `NULL`

`content_vertical_align`
Vertical position. Choices: center, flex-start, flex-end. Flourish type hint: string, defaults to `NULL`

`content_horizontal_padding`
Horizontal space. Flourish type hint: number, defaults to `NULL`

`title_color` Color. Flourish type hint: color, defaults to `NULL`

`title_fontsize` Font size. Flourish type hint: number, defaults to `NULL`

`title_weight` Weight. Choices: italic, normal, bold. Flourish type hint: string, defaults to `NULL`

`title_advanced` Advanced settings. Flourish type hint: boolean, defaults to `NULL`

`title_opacity` Opacity. Flourish type hint: number, defaults to `NULL`

`title_space_above`
Space above. Flourish type hint: number, defaults to `NULL`

`title_space_below`
Space below. Flourish type hint: number, defaults to `NULL`

`title_lineheight`
Line height. Flourish type hint: number, defaults to `NULL`

`title_minheight`
Min height. Flourish type hint: number, defaults to `NULL`

`title_align` Align. Choices: start, center, end. Flourish type hint: string, defaults to `NULL`

`subtitle_color` Color. Flourish type hint: color, defaults to `NULL`

`subtitle_fontsize`
Font size. Flourish type hint: number, defaults to `NULL`

`subtitle_weight`
Weight. Choices: italic, normal, bold. Flourish type hint: string, defaults to `NULL`

`subtitle_advanced`
Advanced settings. Flourish type hint: boolean, defaults to `NULL`

subtitle_opacity
: Opacity. Flourish type hint: number, defaults to NULL

subtitle_space_above
: Space above. Flourish type hint: number, defaults to NULL

subtitle_space_below
: Space below. Flourish type hint: number, defaults to NULL

subtitle_lineheight
: Line height. Flourish type hint: number, defaults to NULL

subtitle_minheight
: Min height. Flourish type hint: number, defaults to NULL

subtitle_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

text_color
: Color. Flourish type hint: color, defaults to NULL

text_fontsize
: Font size. Flourish type hint: number, defaults to NULL

text_weight
: Weight. Choices: italic, normal, bold. Flourish type hint: string, defaults to NULL

text_advanced
: Advanced settings. Flourish type hint: boolean, defaults to NULL

text_opacity
: Opacity. Flourish type hint: number, defaults to NULL

text_space_between
: Space between. Flourish type hint: number, defaults to NULL

text_lineheight
: Line height. Flourish type hint: number, defaults to NULL

text_minheight
: Min height. Flourish type hint: number, defaults to NULL

text_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

text_column_names
: Column names. Choices: TRUE, FALSE. To add column names before text entries. Flourish type hint: boolean, defaults to NULL

text_column_separator
: Column separator. Choices: :, -, <br>, other. Choose a separator between column names and text entries. Flourish type hint: string, defaults to NULL

text_column_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

text_column_separator_custom
: Other. Flourish type hint: string, defaults to NULL

image_width_portrait
: Width. As a percentage of the cards width. Flourish type hint: number, defaults to NULL

image_width_landscape
: Width. As a percentage of the cards width. Flourish type hint: number, defaults to NULL

image_aspect_ratio
: Aspect ratio. As a multiplier of the images width. For example: a value of 2, means the image height is 2 times the image width. Flourish type hint: number, defaults to NULL

image_sizing Image sizing. Choices: cover, contain. Flourish type hint: string, defaults to NULL

image_horizontal_margin
Horizontal. As a percentage of the cards width. Flourish type hint: number, defaults to NULL

image_vertical_margin
Vertical. As a percentage of the cards width. Flourish type hint: number, defaults to NULL

card_space_between
Space between image and text. Flourish type hint: number, defaults to NULL

image_border_color
Color. Flourish type hint: color, defaults to NULL

image_border_width
Weight. Flourish type hint: number, defaults to NULL

image_shape Shape. Choices: circle, square. Flourish type hint: string, defaults to NULL

image_radius Roundness. Flourish type hint: number, defaults to NULL

image_styling Advanced image styling. Flourish type hint: boolean, defaults to NULL

image_opacity Opacity. Flourish type hint: number, defaults to NULL

image_contrast Contrast. Flourish type hint: number, defaults to NULL

image_brightness
Brightness. Flourish type hint: number, defaults to NULL

image_blend_mode
Blend mode. Choices: normal, lighten, darken, overlay, screen, multiply. Flourish type hint: string, defaults to NULL

image_blackwhite
Black and white. Flourish type hint: boolean, defaults to NULL

image_missing Missing images. Choices: hide, icon. What to show when theres a missing image. Flourish type hint: string, defaults to NULL

image_missing_icon
Missing icon. Flourish type hint: url, defaults to NULL

card_background_mode
Card. Choices: transparent, fixed. Flourish type hint: string, defaults to NULL

card_background_color
Color. Flourish type hint: color, defaults to NULL

card_background_mode_category
Card. Choices: data, transparent, fixed. Choose Data if you want to base the color on the Categories column in your dataset. Flourish type hint: string, defaults to NULL

card_background_color_category
Color. Flourish type hint: color, defaults to NULL

image_background_mode
Image. Choices: transparent, fixed. Flourish type hint: string, defaults to NULL

image_background_color
Color. Flourish type hint: color, defaults to NULL

image_background_mode_category
: Image. Choices: data, transparent, fixed. Choose Data if you want to base the color on the Categories column in your dataset. Flourish type hint: string, defaults to NULL

image_background_color_category
: Color. Flourish type hint: color, defaults to NULL

chart_color_scale_categorical_palette
: Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of

the popup when a column is empty use the syntax {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}.
Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI
If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

legend_filter_mode
: Filter on click. Choices: none, single, multi. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
: Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

filter_show_all
: Include "All". Flourish type hint: boolean, defaults to NULL

filter_show_all_text
: “All” label. Flourish type hint: string, defaults to NULL

chart_controls_style_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
: Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
: Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
: Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
: Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
: Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
: Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
: Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
: Play button. Flourish type hint: boolean, defaults to NULL

audio_click Click while playing should:. Choices: replay, stop, pause. Flourish type hint: string, defaults to NULL

audio_animation
Animate while playing audio. Flourish type hint: boolean, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

chart_url_settings_enabled
: Update project from URL. Make it possible to change the visualizations settings/state from the URL hash, for example when embedding in an iframe or popup panel. Flourish type hint: boolean, defaults to NULL

chart_url_settings_whitelist
: Allowed state properties. List each state property you want to make changeable with the URL hash See the template page for a full list of state properties. Add one property name per line. Use dot format for nested properties, e.g. `layout.background_color`. Flourish type hint: text, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "cards", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_cards_data(gapminder) |>
```

```
  set_cards_details()
)
```

---

set_chord_diagram_details *Set chord diagram chart details*

Description

Set chord diagram chart details

Usage

```
set_chord_diagram_details(
  .,
  opacity_default = NULL,
  opacity_focused = NULL,
  opacity_defocused = NULL,
  selected_chords = NULL,
  use_mouseover_label = NULL,
  show_selected_label = NULL,
  chord_labels_reponsive = NULL,
  chord_label_font_size = NULL,
  chord_label_font_size_min = NULL,
  chord_label_font_size_max = NULL,
  show_chord_stroke = NULL,
  chord_stroke_color = NULL,
  chord_stroke_opacity = NULL,
  arc_thickness = NULL,
  arc_spacing = NULL,
  pad_angle = NULL,
  label_alignment = NULL,
  label_responsive = NULL,
  label_font_size = NULL,
  label_font_size_min = NULL,
  label_font_size_max = NULL,
  label_color = NULL,
  use_label_color_arc = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
```

```
chart_color_scale_sequential_reverse = NULL,
chart_color_scale_sequential_custom_min = NULL,
chart_color_scale_sequential_custom_max = NULL,
chart_color_scale_sequential_color_space = NULL,
chart_color_scale_sequential_custom_domain = NULL,
chart_color_scale_sequential_domain_min = NULL,
chart_color_scale_sequential_domain_max = NULL,
chart_color_scale_diverging_palette = NULL,
chart_color_scale_diverging_reverse = NULL,
chart_color_scale_diverging_custom_min = NULL,
chart_color_scale_diverging_custom_mid = NULL,
chart_color_scale_diverging_custom_max = NULL,
chart_color_scale_diverging_color_space = NULL,
chart_color_scale_diverging_custom_domain = NULL,
chart_color_scale_diverging_domain_min = NULL,
chart_color_scale_diverging_domain_mid = NULL,
chart_color_scale_diverging_domain_max = NULL,
gradient_type = NULL,
chart_popup_show_popups = NULL,
chart_popup_is_custom = NULL,
chart_popup_custom_template = NULL,
chart_popup_show_pointer = NULL,
chart_popup_show_shadow = NULL,
chart_popup_style_popups = NULL,
chart_popup_text_color = NULL,
chart_popup_align = NULL,
chart_popup_text_size = NULL,
chart_popup_fill_color = NULL,
chart_popup_opacity = NULL,
chart_popup_padding = NULL,
chart_popup_border_radius = NULL,
chart_popup_max_width = NULL,
popup_type = NULL,
popup_content = NULL,
animation_speed = NULL,
chart_number_localization_input_decimal_separator = NULL,
chart_number_localization_output_separators = NULL,
chart_label_number_date_format_prefix = NULL,
chart_label_number_date_format_suffix = NULL,
chart_label_number_date_format_n_dec = NULL,
chart_label_number_date_format_advanced = NULL,
chart_label_number_date_format_negative_sign = NULL,
chart_label_number_date_format_strip_zeros = NULL,
chart_label_number_date_format_strip_separator = NULL,
chart_label_number_date_format_transform_labels = NULL,
chart_label_number_date_format_transform = NULL,
chart_label_number_date_format_multiply_divide_constant = NULL,
chart_label_number_date_format_exponentiate_constant = NULL,
```

```
  chart_scale = NULL,
  allow_resize = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
```

```
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
```

```
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
opacity_default	Default opacity. Opacity for the default view. Flourish type hint: number, defaults to NULL
opacity_focused	Focused opacity. Opacity for the selected and/or hovered chords. Flourish type hint: number, defaults to NULL
opacity_defocused	Defocused opacity. Opacity for the background chords when one is in focus. Flourish type hint: number, defaults to NULL
selected_chords	Highlight chords. You can highlight all of an arcs chords by typing the name of the arc. Alternatively, you can highlight individual chords by typing the name

of the two arcs that it connects using the format: Arc 1 » Arc 2 If you wanted to highlight all chords from "Arc 3" and any chords between "Arc 1" and "Arc 2" you would write: Arc 3 Arc 1 » Arc 2 If you wish to highlight/unhighlight in the story editor you can do so by clicking on chords. Flourish type hint: text, defaults to NULL

use_mouseover_label
: Show chord values on hover. Flourish type hint: boolean, defaults to NULL

show_selected_label
: Keep chord values on click. Flourish type hint: boolean, defaults to NULL

chord_labels_reponsive
: Label text size. Choices: TRUE, FALSE. Auto changes the label size based on the window size, subject to the specified min and max. Flourish type hint: boolean, defaults to NULL

chord_label_font_size
: Text size. Flourish type hint: number, defaults to NULL

chord_label_font_size_min
: Min size. Flourish type hint: number, defaults to NULL

chord_label_font_size_max
: Max size. Flourish type hint: number, defaults to NULL

show_chord_stroke
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chord_stroke_color
: Stroke color. Flourish type hint: color, defaults to NULL

chord_stroke_opacity
: Stroke opacity. Flourish type hint: number, defaults to NULL

arc_thickness
: Thickness. As a percentage of the radius. Flourish type hint: number, defaults to NULL

arc_spacing
: Space below. As a percentage of the radius. Flourish type hint: number, defaults to NULL

pad_angle
: Space between. In degrees. Flourish type hint: number, defaults to NULL

label_alignment
: Alignment. Choices: along_arcs, 90_rotated. Flourish type hint: string, defaults to NULL

label_responsive
: Label text size. Choices: TRUE, FALSE. Auto changes the label size based on the window size, subject to the specified min and max. Flourish type hint: boolean, defaults to NULL

label_font_size
: Text size. Flourish type hint: number, defaults to NULL

label_font_size_min
: Min size. Flourish type hint: number, defaults to NULL

label_font_size_max
: Max size. Flourish type hint: number, defaults to NULL

label_color
: Label color. Flourish type hint: color, defaults to NULL

use_label_color_arc
: Make the arc label color the same as the arc color. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_palette
: Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

gradient_type
: Chord color mode. Choices: linear_gradient, largest_end, smallest_end. Flourish type hint: string, defaults to NULL

chart_popup_show_popups
: Popups. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_popup_is_custom
: Popup contents. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_custom_template
: Popup content. The text to appear in the popup. You can use {{column_name}} to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. Advanced users can include HTML to apply layouts, formatting, images, etc. Flourish type hint: text, defaults to NULL

chart_popup_show_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_show_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_style_popups
: Custom styling. Flourish type hint: boolean, defaults to NULL

chart_popup_text_color
: Text colour. Flourish type hint: color, defaults to NULL

`chart_popup_align`
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to `NULL`

`chart_popup_text_size`
: Font size. Flourish type hint: number, defaults to `NULL`

`chart_popup_fill_color`
: Fill colour. Flourish type hint: color, defaults to `NULL`

`chart_popup_opacity`
: Fill opacity. Flourish type hint: number, defaults to `NULL`

`chart_popup_padding`
: Padding. Flourish type hint: number, defaults to `NULL`

`chart_popup_border_radius`
: Radius. Corner radius of popup. Flourish type hint: number, defaults to `NULL`

`chart_popup_max_width`
: Max width. Flourish type hint: number, defaults to `NULL`

`popup_type`
: Position. Choices: directional, non_directional. Flourish type hint: string, defaults to `NULL`

`popup_content`
: Popup description. Add a title or a discription to help explain your tooltip. Flourish type hint: text, defaults to `NULL`

`animation_speed`
: Animation duration. The duration, in seconds, of transitions for example between two slides in a story Flourish type hint: number, defaults to `NULL`

`chart_number_localization_input_decimal_separator`
: Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to `NULL`

`chart_number_localization_output_separators`
: Number format to display. Choices: ,., .,, ., ,, ., ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to `NULL`

`chart_label_number_date_format_prefix`
: Prefix. Text to place in front of number. Flourish type hint: string, defaults to `NULL`

`chart_label_number_date_format_suffix`
: Suffix. Text to place after number. Flourish type hint: string, defaults to `NULL`

`chart_label_number_date_format_n_dec`
: Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to `NULL`

`chart_label_number_date_format_advanced`
: Advanced. Flourish type hint: boolean, defaults to `NULL`

`chart_label_number_date_format_negative_sign`
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to `NULL`

`chart_label_number_date_format_strip_zeros`
: Remove trailing zeros. Flourish type hint: boolean, defaults to `NULL`

chart_label_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_label_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_label_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_label_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_label_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_scale
: Chart scale. Flourish type hint: number, defaults to NULL

allow_resize
: Allow embeds to resize. Checking this option allows the visualization to resize so the chord diagram is always a square without white space to the sides or top/bottom. Flourish type hint: boolean, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

`chart_layout_max_width_align`
: Align. Choices: left, center, right. Flourish type hint: string, defaults to `NULL`

`chart_layout_layout_order`
: Layout order. Flourish type hint: string, defaults to `NULL`

`chart_layout_space_between_sections`
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to `NULL`

`chart_layout_space_between_sections_custom`
: Custom. Flourish type hint: number, defaults to `NULL`

`chart_layout_margin_top`
: Top. Flourish type hint: number, defaults to `NULL`

`chart_layout_margin_right`
: Right. Flourish type hint: number, defaults to `NULL`

`chart_layout_margin_bottom`
: Bottom. Flourish type hint: number, defaults to `NULL`

`chart_layout_margin_left`
: Left. Flourish type hint: number, defaults to `NULL`

`chart_layout_border_enabled`
: Show borders around visualisation. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_border_top_width`
: Top. Flourish type hint: number, defaults to `NULL`

`chart_layout_border_top_style`
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to `NULL`

`chart_layout_border_top_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_layout_border_right_width`
: Right. Flourish type hint: number, defaults to `NULL`

`chart_layout_border_right_style`
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to `NULL`

`chart_layout_border_right_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_layout_border_bottom_width`
: Bottom. Flourish type hint: number, defaults to `NULL`

`chart_layout_border_bottom_style`
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to `NULL`

`chart_layout_border_bottom_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_layout_border_left_width`
: Left. Flourish type hint: number, defaults to `NULL`

`chart_layout_border_left_style`
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to `NULL`

`chart_layout_border_left_color`
: Color. Flourish type hint: color, defaults to `NULL`

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

`chart_layout_footer_logo_src_light`
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to `NULL`

`chart_layout_footer_logo_alt`
: Alt text. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_logo_link_url`
: Link. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_logo_height`
: Height. Flourish type hint: number, defaults to `NULL`

`chart_layout_footer_logo_margin`
: Margin. Flourish type hint: number, defaults to `NULL`

`chart_layout_footer_logo_order`
: Position. Choices: left, right. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_align_vertical`
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_border`
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_border_width`
: Width. Flourish type hint: number, defaults to `NULL`

`chart_layout_footer_border_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_layout_footer_border_style`
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_border_space`
: Space. Space between border and footer text. Flourish type hint: number, defaults to `NULL`

`chart_layout_screenreader_text_primary`
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to `NULL`

`chart_layout_screenreader_label`
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to `NULL`

`chart_layout_screenreader_hide_primary`
: Screenreader mode for main visual container. Choices: `TRUE`, `FALSE`. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to `NULL`

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "chord_diagram", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_chord_diagram_data(gapminder) |>
  set_chord_diagram_details()
)
```

`set_countdown_details` *Set countdown chart details*

Description

Set countdown chart details

Usage

```
set_countdown_details(
  .,
  date_day = NULL,
  date_month = NULL,
  date_year = NULL,
  date_hour = NULL,
  date_minute = NULL,
  date_second = NULL,
  before_content_mode = NULL,
  before_content_custom = NULL,
  after_content_mode = NULL,
  after_content_custom = NULL,
  countdown_size = NULL,
  countdown_color = NULL,
  countdown_weight = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
```

```
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
```

```
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
```

```
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
date_day	Day. Flourish type hint: number, defaults to NULL
date_month	Month. Flourish type hint: number, defaults to NULL
date_year	Year. If your date is in the future, the tool will count down to it If its in the past, the tool will count up, showing the number of days that have passed since the date. Flourish type hint: number, defaults to NULL
date_hour	Hour. 0 to 23. Flourish type hint: number, defaults to NULL
date_minute	Minute. Flourish type hint: number, defaults to NULL
date_second	Second. Flourish type hint: number, defaults to NULL
before_content_mode	Text mode. Choices: auto, custom. Displays while counting down to the specified time/date. Flourish type hint: string, defaults to NULL
before_content_custom	Custom text before date/time reached. Can include any text or HTML Use {{d}} for days, {{h}} for hours, {{m}} for minutes and {{s}} for seconds. Flourish type hint: text, defaults to NULL
after_content_mode	Text mode. Choices: auto, custom. Displays while counting upwards after the specified time/date. Flourish type hint: string, defaults to NULL
after_content_custom	Custom text after date/time reached. Can include any text or HTML Use {{d}} for days, {{h}} for hours, {{m}} for minutes and {{s}} for seconds. Flourish type hint: text, defaults to NULL
countdown_size	Size. Measured in vw (percentage of view window). This makes sure the countdown always scales with the page. Flourish type hint: number, defaults to NULL
countdown_color	Color. Flourish type hint: color, defaults to NULL
countdown_weight	Weight. Choices: 400, 600. Flourish type hint: string, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "countdown", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  set_countdown_details()
)
```

---

set_draw_the_line_details

Set draw the line chart chart details

Description

Set draw the line chart chart details

Usage

```
set_draw_the_line_details(
  .,
  guess_lines_start = NULL,
  guess_lines_width = NULL,
  guess_lines_dot_radius = NULL,
  guess_lines_dash = NULL,
  fixed_lines_width = NULL,
  fixed_lines_dot_radius = NULL,
  line_curve = NULL,
  guess_lines_panel_position = NULL,
  message_styling = NULL,
  message_background = NULL,
  message_opacity = NULL,
  message_color = NULL,
  message_font_size = NULL,
  message_border = NULL,
  message_border_width = NULL,
  message_border_radius = NULL,
  message_shadow = NULL,
  guess_lines_message_text = NULL,
  scores_3_min = NULL,
  scores_3_text = NULL,
  scores_2_min = NULL,
  scores_2_text = NULL,
  scores_1_min = NULL,
  scores_1_text = NULL,
  scores_0_text = NULL,
  guess_lines_submit_text = NULL,
  submit_styling = NULL,
  submit_background = NULL,
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  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
```

```
  chart_color_scale_sequential_custom_min = NULL,
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  chart_x_axis_log_max = NULL,
  chart_x_axis_datetime_min = NULL,
  chart_x_axis_datetime_max = NULL,
  chart_x_axis_flip = NULL,
  chart_x_axis_show_scale_settings = NULL,
  chart_x_axis_nice = NULL,
```

```
  chart_x_axis_zero_axis = NULL,
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  chart_x_axis_title_color = NULL,
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  chart_x_axis_tick_label_styling = NULL,
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```

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  chart_number_date_format_suffix = NULL,
  chart_number_date_format_n_dec = NULL,
  chart_number_date_format_advanced = NULL,
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chart_number_date_format_exponentiate_constant = NULL,
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chart_layout_font_size_tablet = NULL,
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chart_layout_breakpoint_mobile_big = NULL,
chart_layout_breakpoint_tablet = NULL,
chart_layout_breakpoint_desktop = NULL,
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  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
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  chart_layout_title_space_above_custom = NULL,
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  chart_layout_subtitle_color = NULL,
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  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
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  chart_layout_header_text_size = NULL,
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  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
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  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
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  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
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  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
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  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
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  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
guess_lines_start	Percent to reveal. What percentage of the line to show before a user starts drawing. Flourish type hint: number, defaults to NULL
guess_lines_width	Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
guess_lines_dot_radius	Dot radius. Flourish type hint: number, defaults to NULL

guess_lines_dash
: Drawing dash size. Only applies to the drawn section of the line. Set to zero for a solid line. Flourish type hint: number, defaults to NULL

fixed_lines_width
: Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

fixed_lines_dot_radius
: Dot radius. Flourish type hint: number, defaults to NULL

line_curve
: Live curve. Choices: linear, step, curve. Flourish type hint: string, defaults to NULL

guess_lines_panel_position
: Position. Choices: top, middle, bottom. Flourish type hint: string, defaults to NULL

message_styling
: Styling. Flourish type hint: boolean, defaults to NULL

message_background
: Background. Flourish type hint: color, defaults to NULL

message_opacity
: Opacity. Flourish type hint: number, defaults to NULL

message_color
: Font color. Flourish type hint: color, defaults to NULL

message_font_size
: Font size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

message_border
: Border color. Flourish type hint: color, defaults to NULL

message_border_width
: Border width. In pixels. Flourish type hint: number, defaults to NULL

message_border_radius
: Border radius. In rems, a multiple of the panels font size. Flourish type hint: number, defaults to NULL

message_shadow
: Drop shadow. Flourish type hint: boolean, defaults to NULL

guess_lines_message_text
: Text. Include {{LINE}} to show the lines name, in color. Flourish type hint: string, defaults to NULL

scores_3_min
: % error. Specified as the maximum percentage error allowed, relative to the total Y axis. Flourish type hint: number, defaults to NULL

scores_3_text
: Text. Use {{DIFF}} to show the average gap from the users guess to the real data point. Flourish type hint: string, defaults to NULL

scores_2_min
: % error. Specified as the maximum percentage error allowed, relative to the total Y axis. Flourish type hint: number, defaults to NULL

scores_2_text
: Text. Flourish type hint: string, defaults to NULL

scores_1_min
: % error. Specified as the maximum percentage error allowed, relative to the total Y axis. Flourish type hint: number, defaults to NULL

scores_1_text
: Text. Flourish type hint: string, defaults to NULL

scores_0_text
: Text. Flourish type hint: string, defaults to NULL

guess_lines_submit_text
: Text. In rems, a multiple of the pages base font size. Flourish type hint: string, defaults to NULL

submit_styling
: Styling. Flourish type hint: boolean, defaults to NULL

submit_background
: Background. Flourish type hint: color, defaults to NULL

submit_opacity
: Opacity. Flourish type hint: number, defaults to NULL

submit_color
: Font color. Flourish type hint: color, defaults to NULL

submit_font_size
: Font size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

submit_border
: Border colour. Flourish type hint: color, defaults to NULL

submit_border_width
: Border width. In pixels. Flourish type hint: number, defaults to NULL

submit_border_radius
: Border radius. In ems a multiple of the panels font size. Flourish type hint: number, defaults to NULL

submit_shadow
: Drop shadow. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_palette
: Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value

(domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_axis_position
: Position. Choices: bottom, float-below, float-above, top, off. Flourish type hint: string, defaults to NULL

chart_x_axis_y_axis_position
: Y value. Vertical position of the X axis on the Y scale. Flourish type hint: string, defaults to NULL

chart_x_axis_numeric_scale_type
: Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_x_axis_linear_min
: Min. Flourish type hint: number, defaults to NULL

chart_x_axis_linear_max
: Max. Flourish type hint: number, defaults to NULL

chart_x_axis_log_min
: Min. Flourish type hint: number, defaults to NULL

chart_x_axis_log_max
: Max. Flourish type hint: number, defaults to NULL

chart_x_axis_datetime_min
: Min (date). Flourish type hint: string, defaults to NULL

chart_x_axis_datetime_max
: Max (date). Flourish type hint: string, defaults to NULL

chart_x_axis_flip
: Flip axis. Flourish type hint: boolean, defaults to NULL

chart_x_axis_show_scale_settings
: Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_nice
: Round min/max. Choices: TRUE, FALSE. Enabling this option rounds the X axis start and end values to tidy numbers, such as 0, 50, 100 or whole years. Specified min and max values will override this feature. Flourish type hint: boolean, defaults to NULL

chart_x_axis_zero_axis
: Include zero. Choices: auto, on, off. Enable to extend the axis to include zero, even when data is all positive or all negative. This is ignored if you set specific min and max scale values. Flourish type hint: string, defaults to NULL

chart_x_axis_title_mode
: Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_x_axis_title
: Text. Flourish type hint: string, defaults to NULL

chart_x_axis_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_position
: Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_space
: Space. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_mode
: Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_x_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_x_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_side
: Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_x_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_x_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_x_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_x_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_x_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_category_dividers_extend
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_y_axis_axis_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_numeric_scale_type
: Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_y_axis_linear_min
: Min. Flourish type hint: number, defaults to NULL

chart_y_axis_linear_max
: Max. Flourish type hint: number, defaults to NULL

chart_y_axis_log_min
: Min. Flourish type hint: number, defaults to NULL

chart_y_axis_log_max
: Max. Flourish type hint: number, defaults to NULL

chart_y_axis_datetime_min
: Min (date). Flourish type hint: string, defaults to NULL

chart_y_axis_datetime_max
: Max (date). Flourish type hint: string, defaults to NULL

chart_y_axis_flip
: Flip axis. Flourish type hint: boolean, defaults to NULL

chart_y_axis_show_scale_settings
: Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_y_axis_nice
: Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Flourish type hint: boolean, defaults to NULL

chart_y_axis_zero_axis
: Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Flourish type hint: string, defaults to NULL

chart_y_axis_title_mode
: Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_y_axis_title
: Text. Flourish type hint: string, defaults to NULL

chart_y_axis_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_title_position
: Position. Choices: side, end. Flourish type hint: string, defaults to NULL

chart_y_axis_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_y_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_position
: Position. Choices: default, above, below. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_space
: Space. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_mode
: Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_y_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_y_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_side
: Side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_y_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_y_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_y_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_y_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_y_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Ignored for date and numeric axes. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridline_category_dividers_extend
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_background_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_background_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_background_background_color
: Color. Flourish type hint: color, defaults to NULL

chart_background_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_background_background_image_size
: Size. Choices: stretch, slice, meet. Flourish type hint: string, defaults to NULL

chart_background_background_image_position
: Position. Choices: x_min_y_min, x_mid_y_min, x_max_y_min, x_max_y_mid, x_mid_y_mid, x_min_y_max, x_mid_y_max, x_max_y_max. Flourish type hint: string, defaults to NULL

datetime_input_format
: Format in data sheet. Choices: auto, %Y-%m-%dT%H:%M:%S.%LZ, %Y-%m-%d, %m/%d/%Y, %d/%m/%Y, %d-%b-%y, %m/%Y, %m/%y, %b %Y, %b %y, %B %d, %d %b, %Y, %y, %B, %b, %H:%M:%S, %I:%M %p, %H:%M. The date/time format in the datasheet. Leave as Auto for Flourish to make a best guess. If it isnt in the list, you can enter a custom format using d3-time-format syntax. See NPM d3-data-format for details. Flourish type hint: string, defaults to NULL

date_format
: Display format. Choices: auto, %Y-%m-%dT%H:%M:%S.%LZ, %Y-%m-%d, %m/%d/%Y, %d/%m/%Y, %d-%b-%y, %m/%Y, %m/%y, %b %Y, %b %y, %B %d, %d %b, %Y, %y, %B, %b, %A, %a, %H:%M:%S, %I:%M %p, %H:%M. The date/time format to show in the graphic. If it isnt in the list, you can enter a custom format using d3-time-format syntax. See NPM d3-data-format for details. Flourish type hint: string, defaults to NULL

chart_number_localization_input_decimal_separator
: Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
: Number format to display. Choices: ,., .,, ., ,, ., ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "draw_the_line", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_draw_the_line_data(gapminder) |>
  set_draw_the_line_details()
)
```

---

set_election_results_chart_details

Set election results chart chart details

Description

Set election results chart chart details

Usage

```
set_election_results_chart_details(
  .,
  bar_height = NULL,
  bar_background = NULL,
  show_party_name = NULL,
  label_font_size = NULL,
  label_font_color = NULL,
  use_custom_scale = NULL,
  custom_scale_max = NULL,
  middle_line_position = NULL,
  middle_line_content = NULL,
  middle_line_text_color = NULL,
  middle_line_dashoffset = NULL,
  middle_line_width = NULL,
  middle_line_color = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
```

```
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  chart_filter_controls_control_type = NULL,
  chart_filter_controls_control_styles = NULL,
  chart_filter_controls_control_title = NULL,
  chart_filter_controls_button_group = NULL,
  chart_filter_controls_button_group_width_mode = NULL,
  chart_filter_controls_button_group_width_fixed = NULL,
  chart_filter_controls_dropdown_width_mode = NULL,
  chart_filter_controls_dropdown_width_fixed = NULL,
  chart_filter_controls_slider_width = NULL,
  chart_filter_controls_slider_max_label_width = NULL,
  chart_filter_controls_slider_step_time = NULL,
  chart_filter_controls_slider_loop = NULL,
  chart_filter_controls_slider_restart_pause = NULL,
  chart_filter_controls_sort = NULL,
  chart_filter_controls_container_alignment = NULL,
  chart_filter_controls_container_controls_spacing = NULL,
  chart_controls_style_font_size = NULL,
  chart_controls_style_font_weight = NULL,
  chart_controls_style_height = NULL,
  chart_dropdown_control_style_background = NULL,
  chart_dropdown_control_style_font_color = NULL,
  chart_dropdown_control_style_border_styles_advanced = NULL,
  chart_dropdown_control_style_border_style = NULL,
  chart_dropdown_control_style_border_width = NULL,
  chart_dropdown_control_style_border_color = NULL,
  chart_dropdown_control_style_border_transparency = NULL,
  chart_dropdown_control_style_border_radius = NULL,
```

```
chart_button_control_style_background = NULL,
chart_button_control_style_background_selected = NULL,
chart_button_control_style_background_hover = NULL,
chart_button_control_style_font_color = NULL,
chart_button_control_style_font_color_selected = NULL,
chart_button_control_style_font_color_hover = NULL,
chart_button_control_style_button_styles_advanced = NULL,
chart_button_control_style_border_width = NULL,
chart_button_control_style_border_color = NULL,
chart_button_control_style_border_transparency = NULL,
chart_button_control_style_border_radius = NULL,
chart_slider_control_style_track_color = NULL,
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chart_slider_control_style_play_color = NULL,
chart_slider_control_style_track_height = NULL,
chart_slider_control_style_handle_height = NULL,
chart_slider_control_style_play_button = NULL,
chart_categorical_legend_show_legend = NULL,
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chart_categorical_legend_title = NULL,
chart_categorical_legend_swatch_width = NULL,
chart_categorical_legend_swatch_height = NULL,
chart_categorical_legend_swatch_radius = NULL,
chart_categorical_legend_legend_items_padding = NULL,
chart_categorical_legend_swatch_outline = NULL,
chart_categorical_legend_swatch_outline_color = NULL,
chart_categorical_legend_order_override = NULL,
chart_categorical_legend_icon_height = NULL,
chart_categorical_legend_icon_color = NULL,
chart_categorical_legend_max_width = NULL,
chart_categorical_legend_orientation = NULL,
chart_legend_container_alignment = NULL,
chart_legend_container_orientation = NULL,
chart_legend_container_title_weight = NULL,
chart_legend_container_text_weight = NULL,
chart_legend_container_text_color = NULL,
chart_legend_container_text_size = NULL,
legend_position = NULL,
hide_empty_legend_items = NULL,
placeholder_text = NULL,
subtitle_text = NULL,
value_change_abbreviation = NULL,
chart_popup_mode = NULL,
chart_popup_popup_is_custom = NULL,
chart_popup_show_popup_styles = NULL,
chart_popup_popup_custom_header = NULL,
chart_popup_popup_custom_main = NULL,
```

```
  chart_popup_popup_custom_accessible = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
  chart_popup_popup_text_color = NULL,
  chart_popup_popup_align = NULL,
  chart_popup_popup_background = NULL,
  chart_popup_popup_background_opacity = NULL,
  chart_popup_popup_padding = NULL,
  chart_popup_popup_radius = NULL,
  chart_popup_popup_header_type = NULL,
  chart_popup_popup_header_background = NULL,
  chart_popup_popup_header_text_color = NULL,
  chart_popup_popup_list_type = NULL,
  chart_popup_popup_list_label_weight = NULL,
  chart_popup_popup_list_separator = NULL,
  chart_popup_popup_shadow = NULL,
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  chart_popup_panel_position = NULL,
  chart_popup_panel_open_duration = NULL,
  chart_popup_panel_side_fixed = NULL,
  chart_popup_panel_side_default_content = NULL,
  chart_popup_panel_is_custom = NULL,
  chart_popup_show_panel_styles = NULL,
  chart_popup_panel_custom_header = NULL,
  chart_popup_panel_custom_main = NULL,
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  chart_popup_panel_width_side = NULL,
  chart_popup_panel_height_side = NULL,
  chart_popup_panel_max_width = NULL,
  chart_popup_panel_max_height = NULL,
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  chart_popup_panel_list_type = NULL,
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  chart_popup_panel_list_separator = NULL,
  chart_popup_panel_shadow = NULL,
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  chart_label_number_date_format_suffix = NULL,
  chart_label_number_date_format_n_dec = NULL,
  chart_label_number_date_format_advanced = NULL,
  chart_label_number_date_format_negative_sign = NULL,
```

```
chart_label_number_date_format_strip_zeros = NULL,
chart_label_number_date_format_strip_separator = NULL,
chart_label_number_date_format_transform_labels = NULL,
chart_label_number_date_format_transform = NULL,
chart_label_number_date_format_multiply_divide_constant = NULL,
chart_label_number_date_format_exponentiate_constant = NULL,
label_suffix = NULL,
chart_number_localization_input_decimal_separator = NULL,
chart_number_localization_output_separators = NULL,
chart_layout_body_font = NULL,
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chart_layout_border_right_color = NULL,
chart_layout_border_bottom_width = NULL,
chart_layout_border_bottom_style = NULL,
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chart_layout_border_left_width = NULL,
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chart_layout_border_left_color = NULL,
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chart_layout_font_size_tablet = NULL,
chart_layout_font_size_desktop = NULL,
chart_layout_font_size_big_screen = NULL,
chart_layout_breakpoint_mobile_small = NULL,
chart_layout_breakpoint_mobile_big = NULL,
```

```
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
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  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
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  chart_layout_header_border_space = NULL,
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  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
```

```
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
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  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL,
  chart_url_settings_enabled = NULL,
  chart_url_settings_whitelist = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
bar_height	Height. Flourish type hint: number, defaults to NULL
bar_background	Background. Background color of part of chart thats not filled with data (ie. when filtering parties). Flourish type hint: color, defaults to NULL

show_party_name
: Show party name. Flourish type hint: boolean, defaults to NULL

label_font_size
: Text size. Flourish type hint: number, defaults to NULL

label_font_color
: Text color. Flourish type hint: color, defaults to NULL

use_custom_scale
: Scale type. Choices: FALSE, TRUE. On default, will use the sum of all data points as the max value. Enable this setting to use a custom value. Flourish type hint: boolean, defaults to NULL

custom_scale_max
: Max value for scale. This will set the maximum value of the scale. Eg. the total amount of seats to be won in an election. Flourish type hint: number, defaults to NULL

middle_line_position
: Position. Flourish type hint: number, defaults to NULL

middle_line_content
: Text. Flourish type hint: string, defaults to NULL

middle_line_text_color
: Color. Flourish type hint: color, defaults to NULL

middle_line_dashoffset
: Dash width and offset. Length of dashes and spaces seperated by a comma for example, 2,2. Measured in pixels. Flourish type hint: string, defaults to NULL

middle_line_width
: Thickness. Flourish type hint: number, defaults to NULL

middle_line_color
: Color. Flourish type hint: color, defaults to NULL

chart_color_scale_categorical_palette
: Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
: Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_controls_style_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
: Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
: Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
: Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
: Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
: Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
: Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
: Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
: Play button. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

legend_position
: Position. Choices: below, above. Flourish type hint: string, defaults to NULL

hide_empty_legend_items
: Hide zero-valued entries. Flourish type hint: boolean, defaults to NULL

placeholder_text
: No data placeholder text. Placeholder text if there is no data. Flourish type hint: string, defaults to NULL

subtitle_text
: Text below results. Flourish type hint: string, defaults to NULL

value_change_abbreviation
: Value change abbreviation. A suffix used to describe the change since the previous election. Flourish type hint: string, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. You can use various keywords to add informtion to custom popups. These include: {{PARTY}} : name of the party {{CURRENT}} : current value {{HISTORICAL}} : historical value {{CHANGE}} : change between the current and historical values Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. You can use various keywords to add informtion to custom popups. These include: {{PARTY}} : name of the party {{CURRENT}} : current value {{HISTORICAL}} : historical value {{CHANGE}} : change between the current and historical values Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_label_number_date_format_prefix
: Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_label_number_date_format_suffix
: Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_label_number_date_format_n_dec
: Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_label_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_label_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_label_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_label_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_label_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_label_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_label_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_label_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

label_suffix
: Historical label suffix. Suffix used to compare current and historical results. For example, "%" when data measures vote shares, or "seats" when data measures seats won. Flourish type hint: string, defaults to NULL

chart_number_localization_input_decimal_separator
: Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
: Number format to display. Choices: ,., .,, ., ,, ., ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

chart_url_settings_enabled
: Update project from URL. Make it possible to change the visualizations settings/state from the URL hash, for example when embedding in an iframe or popup panel. Flourish type hint: boolean, defaults to NULL

chart_url_settings_whitelist
: Allowed state properties. List each state property you want to make changeable with the URL hash See the template page for a full list of state properties. Add one property name per line. Use dot format for nested properties, e.g. layout.background_color. Flourish type hint: text, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "election_results", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_election_results_chart_data(gapminder) |>
  set_election_results_chart_details()
)
```

---

set_gantt_details *Set gantt chart chart details*

Description

Set gantt chart chart details

Usage

```
set_gantt_details(
  .,
  gantt_height = NULL,
  gantt_padding = NULL,
  border_radius = NULL,
  border_width = NULL,
  border_color = NULL,
  gantt_progress = NULL,
  gantt_text = NULL,
  gantt_font_size = NULL,
  gantt_text_color = NULL,
  gantt_font_weight = NULL,
```

```
  missing_value_label = NULL,
  scale_type = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
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  chart_color_scale_bin_mode = NULL,
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  chart_color_scale_bin_thresholds = NULL,
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  chart_color_scale_sequential_reverse = NULL,
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  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
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  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
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  chart_background_opacity = NULL,
  chart_background_panels = NULL,
  chart_x_axis_axis_position = NULL,
  chart_x_axis_y_axis_position = NULL,
  chart_x_axis_numeric_scale_type = NULL,
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  chart_x_axis_linear_max = NULL,
  chart_x_axis_log_min = NULL,
  chart_x_axis_log_max = NULL,
  chart_x_axis_datetime_min = NULL,
  chart_x_axis_datetime_max = NULL,
  chart_x_axis_flip = NULL,
  chart_x_axis_show_scale_settings = NULL,
  chart_x_axis_nice = NULL,
  chart_x_axis_zero_axis = NULL,
  chart_x_axis_title_mode = NULL,
  chart_x_axis_title = NULL,
  chart_x_axis_title_styling = NULL,
```

```
  chart_x_axis_title_weight = NULL,
  chart_x_axis_title_color = NULL,
  chart_x_axis_title_size = NULL,
  chart_x_axis_title_padding = NULL,
  chart_x_axis_tick_label_position = NULL,
  chart_x_axis_tick_label_styling = NULL,
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  chart_x_axis_tick_label_weight = NULL,
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  chart_x_axis_tick_label_space_mode = NULL,
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  chart_x_axis_gridline_category_dividers_extend = NULL,
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  format_minute = NULL,
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  y_font_fill = NULL,
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  y_text_dy = NULL,
  y_gridline_color = NULL,
  y_gridline_width = NULL,
  chart_filter_controls_control_type = NULL,
```

```
chart_filter_controls_control_styles = NULL,
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chart_slider_control_style_play_button = NULL,
chart_filter_controls_container_alignment = NULL,
chart_filter_controls_container_controls_spacing = NULL,
chart_categorical_legend_show_legend = NULL,
chart_categorical_legend_title_mode = NULL,
chart_categorical_legend_title = NULL,
```

```
  chart_categorical_legend_swatch_width = NULL,
  chart_categorical_legend_swatch_height = NULL,
  chart_categorical_legend_swatch_radius = NULL,
  chart_categorical_legend_legend_items_padding = NULL,
  chart_categorical_legend_swatch_outline = NULL,
  chart_categorical_legend_swatch_outline_color = NULL,
  chart_categorical_legend_order_override = NULL,
  chart_categorical_legend_icon_height = NULL,
  chart_categorical_legend_icon_color = NULL,
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```

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  chart_axes_highlights_y_label_color = NULL,
  chart_axes_highlights_y_shadow_color = NULL,
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  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
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  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
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```

```
  chart_layout_header_logo_alt = NULL,
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  chart_layout_source_name_3 = NULL,
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  chart_layout_footer_logo_src_light = NULL,
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  chart_layout_footer_logo_order = NULL,
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  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
gantt_height	Height. Choose the height of each bar in rems (i.e. it will scale up and down in relation to screen size). Flourish type hint: number, defaults to NULL
gantt_padding	Padding. Flourish type hint: number, defaults to NULL
border_radius	Roundness. Flourish type hint: number, defaults to NULL
border_width	Border width. Flourish type hint: number, defaults to NULL
border_color	Border color. Flourish type hint: color, defaults to NULL
gantt_progress	Show progress. Choices: TRUE, FALSE. If enabled, each bar will be filled with an overlay relating to the value supplied in the Progress column. Flourish type hint: boolean, defaults to NULL
gantt_text	Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
gantt_font_size	Size. Flourish type hint: number, defaults to NULL
gantt_text_color	Color. Flourish type hint: color, defaults to NULL
gantt_font_weight	Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
missing_value_label	Label for missing values. If a bar dosent have a category, the legend will show the placeholder value.. Flourish type hint: string, defaults to NULL
scale_type	Scale type. Choices: categorical, numeric. Flourish type hint: string, defaults to NULL
chart_color_scale_categorical_palette	Palette. Flourish type hint: colors, defaults to NULL
chart_color_scale_categorical_extend	Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL
chart_color_scale_categorical_custom_palette	Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL
chart_color_scale_numeric_type	Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL
chart_color_scale_binning	Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

color_single
: Color. Flourish type hint: color, defaults to NULL

chart_background_color
: Color. Flourish type hint: color, defaults to NULL

chart_background_opacity
: Opacity. Flourish type hint: number, defaults to NULL

chart_background_panels
: Area. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_x_axis_axis_position
: Position. Choices: bottom, float-below, float-above, top, off. Flourish type hint: string, defaults to NULL

chart_x_axis_y_axis_position
: Y value. Vertical position of the X axis on the Y scale. Flourish type hint: string, defaults to NULL

chart_x_axis_numeric_scale_type
: Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_x_axis_linear_min
: Min. Flourish type hint: number, defaults to NULL

chart_x_axis_linear_max
: Max. Flourish type hint: number, defaults to NULL

chart_x_axis_log_min
: Min. Flourish type hint: number, defaults to NULL

chart_x_axis_log_max
: Max. Flourish type hint: number, defaults to NULL

chart_x_axis_datetime_min
: Min (date). Flourish type hint: string, defaults to NULL

chart_x_axis_datetime_max
: Max (date). Flourish type hint: string, defaults to NULL

chart_x_axis_flip
: Flip axis. Flourish type hint: boolean, defaults to NULL

chart_x_axis_show_scale_settings
: Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_nice
: Round min/max. Choices: TRUE, FALSE. Enabling this option rounds the X axis start and end values to tidy numbers, such as 0, 50, 100 or whole years. Specified min and max values will override this feature. Flourish type hint: boolean, defaults to NULL

chart_x_axis_zero_axis
: Include zero. Choices: auto, on, off. Enable to extend the axis to include zero, even when data is all positive or all negative. This is ignored if you set specific min and max scale values. Flourish type hint: string, defaults to NULL

chart_x_axis_title_mode
: Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_x_axis_title
: Text. Flourish type hint: string, defaults to NULL

chart_x_axis_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_position
: Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_space
: Space. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_mode
: Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_x_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_x_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_side
: Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_x_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_x_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_x_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_x_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_x_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_category_dividers_extend
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

date_format
: Format in data sheet. Choices: auto, %Y-%m-%dT%H:%M:%S.%LZ, %Y-%m-%d, %m/%d/%Y, %d/%m/%Y, %d-%b-%y, %m/%Y, %b %Y, %b %y, %B %d, %d %b, %Y, %B, %b, %A, %a, %H:%M:%S, %I:%M %p, %H:%M. The date/time format in your datasheet. If it isnt in the list, you can enter a custom format using d3-time-format syntax. See npm - d3 time format for details. Flourish type hint: string, defaults to NULL

format_locale
: Date and time locale. Choices: none, ady, af-_n_a, af-_z_a, af, ak, ar-_m_a, ar-_s_a, hy-_a_m, ay-_b_o, eu-_e_s, be-_b_y, bn-_b_d, bn-_i_n, bn, bs-_b_a,

my, ck-_u_s, zh-_c_n, zh-_s_g, zh-_hans, zh-_h_k, zh-_t_w, zh-_hant, zh, gx-_g_r, nl-_b_e, nl-_n_l, nl, en-_a_u, en-_c_a, en-_i_n, en-_i_e, en@pirate, en-_z_a, en-_g_b, en-_u_d, en-_u_s, en, eo-_e_o, et-_e_e, fo-_f_o, fi-_f_i, fr-_b_e, fr-_c_a, fr-_f_r, fr-_c_h, fr, fy-_n_l, ff, gl-_e_s, ka-_g_e, de-_a_t, de-_d_e, de-_c_h, de, el-_g_r, el, gn-_p_y, gu-_i_n, ht, is-_i_s, is, ga-_i_e, ga, jv-_i_d, kab, kn-_i_n, kn, cak, kk-_k_z, tlh, ko-_k_r, ko, ku-_t_r, fb-_l_t, li-_n_l, dsb, lb, mk-_m_k, mk, mai, mg-_m_g, mn-_m_n, se-_n_o, nn-_n_o, no, oc, or-_i_n, ps-_a_f, i_r, pt-_b_r, pt-_p_t, pt, pa-_i_n, pa, qu-_p_e, rm-_c_h, sa-_i_n, sr-_r_s, sr, si-_l_k, sk-_s_k, sk, so-_s_o, es-_a_r, es-_c_l, es-_c_o, es-_e_c, es-_m_x, es-_n_i, es-_e_s, es-_u_s, es-_v_e, es, su, sw-_k_e, sw, tt-_r_u, th-_t_h, th, hsb, xh-_z_a, yi-_d_e, yi, zu-_z_a. The regional date/time format (date locale). You can specify each part of the format in the fields below. Flourish type hint: string, defaults to NULL

`format_weekday` Weekday. Choices: none, narrow, short, long. Flourish type hint: string, defaults to NULL

`format_year` Year. Choices: none, numeric, 2-digit. Flourish type hint: string, defaults to NULL

`format_month` Month. Choices: none, numeric, 2-digit, narrow, short, long. Flourish type hint: string, defaults to NULL

`format_day` Day. Choices: none, numeric, 2-digit. Flourish type hint: string, defaults to NULL

`format_hour` Hour. Choices: none, numeric, 2-digit. Flourish type hint: string, defaults to NULL

`format_minute` Minute. Choices: none, numeric, 2-digit. Flourish type hint: string, defaults to NULL

`y_font_size` Size. Flourish type hint: number, defaults to NULL

`y_font_weight` Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`y_font_fill` Color. Flourish type hint: color, defaults to NULL

`y_max_width` Max width. Flourish type hint: number, defaults to NULL

`y_text_dx` Horizontal padding. Flourish type hint: number, defaults to NULL

`y_text_dy` Vertical padding. Flourish type hint: number, defaults to NULL

`y_gridline_color`
Color. Flourish type hint: color, defaults to NULL

`y_gridline_width`
Width. Flourish type hint: number, defaults to NULL

`chart_filter_controls_control_type`
Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

`chart_filter_controls_control_styles`
Adv. Flourish type hint: boolean, defaults to NULL

`chart_filter_controls_control_title`
Control title. Flourish type hint: string, defaults to NULL

`chart_filter_controls_button_group`
Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

filter_control_all
: Name for "All". Leave blank to not include an "All" option. Flourish type hint: string, defaults to NULL

chart_controls_style_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
: Height. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
: Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
: Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
: Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
: Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
: Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
: Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
: Play button. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
: Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_continous_legend_show_legend
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_continous_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_continous_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_continous_legend_color_band_width
: Width. Flourish type hint: number, defaults to NULL

chart_continous_legend_color_band_height
: Height. Flourish type hint: number, defaults to NULL

chart_continous_legend_color_band_radius
: Roundness. The radius of the corners of the color band (in pixels). Flourish type hint: number, defaults to NULL

chart_continous_legend_binned_label_mode
: Binned label mode. Choices: thresholds, centers, custom. Flourish type hint: string, defaults to NULL

chart_continous_legend_binned_label_custom
: Custom bin labels. List numeric values, separated by semi-colons. Flourish type hint: string, defaults to NULL

chart_continous_legend_legend_min
: Legend min. Flourish type hint: number, defaults to NULL

chart_continous_legend_additional_min_label
: Custom min label. Flourish type hint: string, defaults to NULL

chart_continous_legend_legend_max
: Legend max. Flourish type hint: number, defaults to NULL

chart_continous_legend_additional_max_label
: Custom max label. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}.
Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}.
Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI
If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_enabled
: Show highlights on the x axis. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_lines
: One per line, in format “My label :: 2012”. One per line, using the format : My label :: 2012 For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart. Use the format: `My label :: 2012 :: line_color / text_color :: facet_name`. For example, `My label :: 2012 :: #eb0000 / #0084bd :: Category 1`. If

you want to add an annotation to just one specific chart but do not want to color the line/text, you can leave that part blank. For example: My label :: 2012 :: :: Category 1 Flourish type hint: text, defaults to NULL

chart_axes_highlights_x_line_color
: Line color. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_line_width
: Line width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_line_dash
: Dash. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_areas
: One per line, in format "My label :: 2013 » 2015". One per line, using the format : My label :: date » date For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: area_color / text_color :: facet_name For example, `My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1`. Flourish type hint: text, defaults to NULL

chart_axes_highlights_x_area_color
: Area. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_area_opacity
: Area opacity. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_area_texture
: Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_vertical
: Vertical. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_label_y_position
: Y position. Choices: bottom, middle, top. Vertically position the label at the top, bottom or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_x_position
: X position. Choices: left, middle, right. Horizontally position the label on the left, the right or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_font_size
: Font size. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_font_weight
: Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_color
: Text. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_shadow_color
: Shadow. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_shadow_enabled
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_y_enabled
: Show highlights on the y axis. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_y_lines
: One per line, in format "My label :: 5000". One per line, using the format : My label :: 2012 For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: `My label :: 2012 :: line_color / text_color :: facet_name`. For example: `My label :: 2012 :: #eb0000 / #0084bd :: Category 1`. If you want to add an annotation to just one specific chart but do not want to color the line/text, you can leave that part blank. For example: My label :: 2012 :: :: Category 1 Flourish type hint: text, defaults to NULL

chart_axes_highlights_y_line_color
: Line color. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_line_width
: line width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_line_dash
: Dash. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_areas
: One per line, in format "My label :: 2000 » 8000". One per line, using the format : My label :: date » date For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: area_color / text_color :: facet_name For example: `My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1`. Flourish type hint: text, defaults to NULL

chart_axes_highlights_y_area_color
: Area. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_area_opacity
: Area opacity. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_area_texture
: Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_x_position
: X position. Choices: left, middle, right. Horizontally position label on the left, the middle or the right end of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_y_position
: Y position. Choices: above, middle, below. Vertically position the label above, below or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_size
: Font size. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_weight
: Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_color
: Text. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_color
: Shadow. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_enabled
: Shadow. Flourish type hint: boolean, defaults to NULL

animation_duration
: Animation duration. The duration, in seconds, of transitions for example, on load of visualization or between two slides in a story Flourish type hint: number, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "gantt", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_gantt_data(gapminder) |>
  set_gantt_details()
)
```

`set_gauge_details` *Set gauge chart details*

Description

Set gauge chart details

Usage

```
set_gauge_details(
  .,
  gauge_radial_extent = NULL,
  gauge_radial_extent_custom = NULL,
  gauge_width = NULL,
  gauge_width_custom = NULL,
  gauge_scale_domain = NULL,
  gauge_scale_domain_min = NULL,
  gauge_scale_domain_max = NULL,
  gauge_color = NULL,
  gauge_opacity = NULL,
  gauge_border_color = NULL,
  gauge_border_size = NULL,
  height_mode = NULL,
  aspect_ratio = NULL,
  aspect_ratio_custom = NULL,
  add_aspect_ratio_mobile = NULL,
  breakpoint = NULL,
  aspect_ratio_mobile = NULL,
  aspect_ratio_mobile_custom = NULL,
  chart_facet_columns_fixed = NULL,
  chart_facet_columns = NULL,
  chart_facet_min_width = NULL,
  chart_facet_min_width_fixed = NULL,
  chart_facet_custom_grid = NULL,
  chart_facet_custom_positions = NULL,
  chart_facet_max_width = NULL,
  chart_facet_gutter_w = NULL,
  chart_facet_gutter_h = NULL,
  chart_facet_animation = NULL,
  chart_facet_titles = NULL,
  chart_facet_title_align = NULL,
  chart_facet_title_size = NULL,
  chart_facet_title_unit = NULL,
  chart_facet_title_color = NULL,
  chart_facet_title_padding_top = NULL,
  chart_facet_title_padding_bottom = NULL,
  chart_facet_title_bg = NULL,
```

```
  chart_facet_title_bg_color = NULL,
  chart_facet_title_bg_padding = NULL,
  segment_width = NULL,
  segment_width_custom = NULL,
  segment_number = NULL,
  segment_fixed_number = NULL,
  segment_custom = NULL,
  segment_labels = NULL,
  segment_label_size = NULL,
  segment_label_size_custom = NULL,
  segment_label_weight = NULL,
  segment_label_rotation = NULL,
  segment_label_color = NULL,
  segment_label_padding = NULL,
  color_type = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  ticks_mode = NULL,
  ticks_number = NULL,
  ticks_custom = NULL,
  ticks_width = NULL,
  ticks_color = NULL,
  ticks_length = NULL,
  ticks_length_custom = NULL,
```

```
  ticks_animation = NULL,
  ticks_animation_duration = NULL,
  intermediate_ticks = NULL,
  intermediate_ticks_number = NULL,
  intermediate_ticks_width = NULL,
  ticks_direction = NULL,
  label_position = NULL,
  ticks_label_padding = NULL,
  ticks_label_color = NULL,
  label_rotation = NULL,
  label_flip = NULL,
  ticks_label_size = NULL,
  ticks_label_size_custom = NULL,
  ticks_label_weight = NULL,
  needle_size = NULL,
  needle_size_custom = NULL,
  needle_hand_length = NULL,
  needle_hand_length_custom = NULL,
  needle_color = NULL,
  needle_color_custom = NULL,
  needle_centre_size = NULL,
  needle_centre_size_custom = NULL,
  needle_centre_stroke_width = NULL,
  needle_centre_stroke = NULL,
  needle_animation = NULL,
  needle_animation_duration = NULL,
  jitter = NULL,
  jitter_speed = NULL,
  gauge_text_align = NULL,
  gauge_text_position = NULL,
  gauge_text_position_flip = NULL,
  gauge_name_size = NULL,
  gauge_name_size_custom = NULL,
  gauge_name_styling = NULL,
  gauge_name_weight = NULL,
  gauge_name_color = NULL,
  gauge_name_color_custom = NULL,
  gauge_name_space_above = NULL,
  gauge_name_space_above_custom = NULL,
  gauge_name_space_below = NULL,
  gauge_name_space_below_custom = NULL,
  gauge_value_size = NULL,
  gauge_value_size_custom = NULL,
  gauge_value_styling = NULL,
  gauge_value_weight = NULL,
  gauge_value_color = NULL,
  gauge_value_color_custom = NULL,
  gauge_value_space_above = NULL,
```

```
  gauge_value_space_above_custom = NULL,
  gauge_value_space_below = NULL,
  gauge_value_space_below_custom = NULL,
  chart_number_date_format_prefix = NULL,
  chart_number_date_format_suffix = NULL,
  chart_number_date_format_n_dec = NULL,
  chart_number_date_format_advanced = NULL,
  chart_number_date_format_negative_sign = NULL,
  chart_number_date_format_strip_zeros = NULL,
  chart_number_date_format_strip_separator = NULL,
  chart_number_date_format_transform_labels = NULL,
  chart_number_date_format_transform = NULL,
  chart_number_date_format_multiply_divide_constant = NULL,
  chart_number_date_format_exponentiate_constant = NULL,
  chart_filter_controls_container_alignment = NULL,
  chart_filter_controls_container_controls_spacing = NULL,
  chart_filter_controls_control_type = NULL,
  chart_filter_controls_control_styles = NULL,
  chart_filter_controls_control_title = NULL,
  chart_filter_controls_button_group = NULL,
  chart_filter_controls_button_group_width_mode = NULL,
  chart_filter_controls_button_group_width_fixed = NULL,
  chart_filter_controls_dropdown_width_mode = NULL,
  chart_filter_controls_dropdown_width_fixed = NULL,
  chart_filter_controls_slider_width = NULL,
  chart_filter_controls_slider_max_label_width = NULL,
  chart_filter_controls_slider_step_time = NULL,
  chart_filter_controls_slider_loop = NULL,
  chart_filter_controls_slider_restart_pause = NULL,
  chart_filter_controls_sort = NULL,
  chart_controls_style_font_size = NULL,
  chart_controls_style_font_weight = NULL,
  chart_controls_style_height = NULL,
  chart_dropdown_control_style_background = NULL,
  chart_dropdown_control_style_font_color = NULL,
  chart_dropdown_control_style_border_styles_advanced = NULL,
  chart_dropdown_control_style_border_style = NULL,
  chart_dropdown_control_style_border_width = NULL,
  chart_dropdown_control_style_border_color = NULL,
  chart_dropdown_control_style_border_transparency = NULL,
  chart_dropdown_control_style_border_radius = NULL,
  chart_button_control_style_background = NULL,
  chart_button_control_style_background_selected = NULL,
  chart_button_control_style_background_hover = NULL,
  chart_button_control_style_font_color = NULL,
  chart_button_control_style_font_color_selected = NULL,
  chart_button_control_style_font_color_hover = NULL,
  chart_button_control_style_button_styles_advanced = NULL,
```

```
  chart_button_control_style_border_width = NULL,
  chart_button_control_style_border_color = NULL,
  chart_button_control_style_border_transparency = NULL,
  chart_button_control_style_border_radius = NULL,
  chart_slider_control_style_track_color = NULL,
  chart_slider_control_style_font_color = NULL,
  chart_slider_control_style_handle_color = NULL,
  chart_slider_control_style_play_color = NULL,
  chart_slider_control_style_track_height = NULL,
  chart_slider_control_style_handle_height = NULL,
  chart_slider_control_style_play_button = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
```

```
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
```

```
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
gauge_radial_extent	Shape. Choices: 90, 180, 270, custom. Flourish type hint: string, defaults to NULL

gauge_radial_extent_custom
: Angle. Flourish type hint: number, defaults to NULL

gauge_width
: Inner radius. Choices: 1, 0.75, 0.5, custom. Flourish type hint: string, defaults to NULL

gauge_width_custom
: Custom. Flourish type hint: number, defaults to NULL

gauge_scale_domain
: Range. Choices: auto, custom. Flourish type hint: string, defaults to NULL

gauge_scale_domain_min
: Min. Flourish type hint: number, defaults to NULL

gauge_scale_domain_max
: Max. Flourish type hint: number, defaults to NULL

gauge_color
: Color. Flourish type hint: color, defaults to NULL

gauge_opacity
: Opacity. Flourish type hint: number, defaults to NULL

gauge_border_color
: Border. Flourish type hint: color, defaults to NULL

gauge_border_size
: Border size. Flourish type hint: number, defaults to NULL

height_mode
: Height mode. Choices: auto, standard, aspect. Auto: sets the height based on the chart type, data and width. Standard: default Flourish responsive sizing. Aspect ratio: sets the aspect of each plot. This setting is ignored when embedded in a fixed-height context, such as a simple Iframe embedFlourish type hint: string, defaults to NULL

aspect_ratio
: Aspect ratio. Choices: 0.75, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

aspect_ratio_custom
: Custom. 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL

add_aspect_ratio_mobile
: Mobile aspect ratio. Choices: disabled, enabled. Flourish type hint: string, defaults to NULL

breakpoint
: Breakpoint. The width at which mobile mode ends and desktop begins. Flourish type hint: number, defaults to NULL

aspect_ratio_mobile
: Mobile aspect ratio. Choices: 0.75, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

aspect_ratio_mobile_custom
: Custom. 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL

chart_facet_columns_fixed
: Grid mode. Choices: FALSE, TRUE. In Auto mode, the number of columns will change with screen size. Flourish type hint: boolean, defaults to NULL

chart_facet_columns
: Columns. The number of columns in the grid. (If specifying custom positions, extra columns may be added automatically.). Flourish type hint: number, defaults to NULL

chart_facet_min_width
: Min gauge width. Determines the minimum size (in pixels) at which each gauge will appear. Ignored if you specify a fixed number of columns. Flourish type hint: number, defaults to NULL

chart_facet_min_width_fixed
: Min chart width. Specify the minimum width of a chart or cell in the grid, below which the Fixed grid will be ignored and it will fall back to responsive Auto mode. Flourish type hint: number, defaults to NULL

chart_facet_custom_grid
: Add custom positions. Specify positions for individual charts in the grid useful for making a map layout. Flourish type hint: boolean, defaults to NULL

chart_facet_custom_positions
: Custom positions. Enter the name of a facet, one per line, using the format: Facet name: row, column where row and column are numbers indicating the grid position where a facet should be positioned. For example, Alaska : 1, 1 Maine : 1, 11 Wisconsin : 2, 6 Flourish type hint: text, defaults to NULL

chart_facet_max_width
: Max gauge width. Determines the maximum size (in pixels) at which each gauge will appear. Ignored if you specify a fixed number of columns. Flourish type hint: number, defaults to NULL

chart_facet_gutter_w
: Horizontal margin. Flourish type hint: number, defaults to NULL

chart_facet_gutter_h
: Vertical margin. Flourish type hint: number, defaults to NULL

chart_facet_animation
: On data change. Choices: auto, name, reuse. If a chart in the grid is removed, that cell can either be animated out (with another cell moving to take its place) or reused for the new data in that cell. Auto decides for you based on the data. Flourish type hint: string, defaults to NULL

chart_facet_titles
: Show titles. Flourish type hint: boolean, defaults to NULL

chart_facet_title_align
: Alignment. Choices: auto, left, center, right. Flourish type hint: string, defaults to NULL

chart_facet_title_size
: Size. Relative to the width of the chart. Flourish type hint: number, defaults to NULL

chart_facet_title_unit
: Scale with chart. Choices: rem, facet. Flourish type hint: string, defaults to NULL

chart_facet_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_facet_title_padding_top
: Space above. Flourish type hint: number, defaults to NULL

chart_facet_title_padding_bottom
: Space below. Flourish type hint: number, defaults to NULL

chart_facet_title_bg
: Background. Choices: none, full, text. Flourish type hint: string, defaults to NULL

chart_facet_title_bg_color
: Background color. Flourish type hint: color, defaults to NULL

chart_facet_title_bg_padding
: Background padding. Horizontal space between text and background. Flourish type hint: number, defaults to NULL

segment_width
: Size. Choices: 0.1, 0.2, 1, custom. Flourish type hint: string, defaults to NULL

segment_width_custom
: Custom. Flourish type hint: number, defaults to NULL

segment_number
: Number. Choices: auto, fixed, custom. Flourish type hint: string, defaults to NULL

segment_fixed_number
: Number. Flourish type hint: number, defaults to NULL

segment_custom
: Two values per line in the following format 0 :: 5. Flourish type hint: text, defaults to NULL

segment_labels
: One label per line. If the number of segments is Fixed, labels will be added to each segment according to the order they appear in the gauge. If the number of segments is Custom, labels will be added to each segment according to the order in the custom segments have been inputted. Flourish type hint: text, defaults to NULL

segment_label_size
: Size. Choices: auto, 0.8, 1, 1.2, custom. In rems, a multiple of the pages base font size. Flourish type hint: string, defaults to NULL

segment_label_size_custom
: Custom. In rems, a multiple of the pages base font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

segment_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

segment_label_rotation
: Rotation. Choices: none, ring. Flourish type hint: string, defaults to NULL

segment_label_color
: Color. Flourish type hint: color, defaults to NULL

segment_label_padding
: Padding. Flourish type hint: number, defaults to NULL

color_type
: Choices: categorical, numeric. Flourish type hint: string, defaults to NULL

chart_color_scale_categorical_palette
: Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

ticks_mode
: Mode. Choices: none, auto, number, custom. Flourish type hint: string, defaults to NULL

ticks_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

ticks_custom
: One tick value per line. Flourish type hint: text, defaults to NULL

ticks_width
: Width. Flourish type hint: number, defaults to NULL

ticks_color
: Color. Flourish type hint: color, defaults to NULL

ticks_length
: Size. Choices: 0.1, 0.2, 0.3, custom. Flourish type hint: string, defaults to NULL

ticks_length_custom
: Custom. Flourish type hint: number, defaults to NULL

ticks_animation
: Animation. Choices: disabled, enabled. Flourish type hint: string, defaults to NULL

ticks_animation_duration
: Duration. The duration, in seconds, of the transitions for example, between two slides in a story Flourish type hint: number, defaults to NULL

intermediate_ticks
: Intermediate ticks. Choices: off, on. Flourish type hint: string, defaults to NULL

intermediate_ticks_number
: Number. Approximate number of intermediate ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

intermediate_ticks_width
: Size. As a proportion of the tick size. Flourish type hint: number, defaults to NULL

ticks_direction
: Direction. Choices: inwards, outwards. Flourish type hint: string, defaults to NULL

label_position Position. Choices: inside, outside. Flourish type hint: string, defaults to NULL

ticks_label_padding
: Space. Flourish type hint: number, defaults to NULL

ticks_label_color
: Color. Flourish type hint: color, defaults to NULL

label_rotation Rotation. Choices: none, auto, ring. Flourish type hint: string, defaults to NULL

label_flip Auto flip. Automatically flip when labels become less legible. Flourish type hint: boolean, defaults to NULL

ticks_label_size
: Size. Choices: 1, 1.5, 2, custom. In rems, a multiple of the pages base font size. Flourish type hint: string, defaults to NULL

ticks_label_size_custom
: Custom. In rems, a multiple of the pages base font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

ticks_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

needle_size Size. Choices: 0.03, 0.06, 0.09, custom. Flourish type hint: string, defaults to NULL

needle_size_custom
: Custom. Flourish type hint: number, defaults to NULL

needle_hand_length
: Length. Choices: 0.5, 0.75, 1, custom. Flourish type hint: string, defaults to NULL

needle_hand_length_custom
: Custom. Flourish type hint: number, defaults to NULL

needle_color Color. Choices: gauge, custom. Flourish type hint: string, defaults to NULL

needle_color_custom
: Flourish type hint: color, defaults to NULL

needle_centre_size
: Size. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

needle_centre_size_custom
: Custom. Flourish type hint: number, defaults to NULL

needle_centre_stroke_width
: Border width. Flourish type hint: number, defaults to NULL

needle_centre_stroke
: Border color. Flourish type hint: color, defaults to NULL

needle_animation
: Animation. Choices: disabled, enabled. Flourish type hint: string, defaults to NULL

needle_animation_duration
: Duration. The duration, in seconds, of the transitions for example, between two slides in a story Flourish type hint: number, defaults to NULL

jitter Amplitude. Choices: none, low, medium, high. Sets how much the gauge needle moves when it animates up and down. To turn off the animation click None- Flourish type hint: string, defaults to NULL

`jitter_speed` Speed. Flourish type hint: number, defaults to `NULL`

`gauge_text_align`
Alignment. Choices: start, middle, end. Flourish type hint: string, defaults to `NULL`

`gauge_text_position`
Position. Choices: above, below, split. Flourish type hint: string, defaults to `NULL`

`gauge_text_position_flip`
Flip order. Flourish type hint: boolean, defaults to `NULL`

`gauge_name_size`
Size. Choices: 1, 1.5, 2, custom. In rems, a multiple of the pages base font size. Flourish type hint: string, defaults to `NULL`

`gauge_name_size_custom`
Custom. In rems, a multiple of the pages base font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to `NULL`

`gauge_name_styling`
Change styling. Flourish type hint: boolean, defaults to `NULL`

`gauge_name_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to `NULL`

`gauge_name_color`
Color. Choices: gauge, custom. Flourish type hint: string, defaults to `NULL`

`gauge_name_color_custom`
Flourish type hint: color, defaults to `NULL`

`gauge_name_space_above`
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to `NULL`

`gauge_name_space_above_custom`
Custom. Flourish type hint: number, defaults to `NULL`

`gauge_name_space_below`
Space below. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to `NULL`

`gauge_name_space_below_custom`
Custom. Flourish type hint: number, defaults to `NULL`

`gauge_value_size`
Size. Choices: 1, 1.5, 2, custom. In rems, a multiple of the pages base font size. Flourish type hint: string, defaults to `NULL`

`gauge_value_size_custom`
Custom. In rems, a multiple of the pages base font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to `NULL`

`gauge_value_styling`
Change styling. Flourish type hint: boolean, defaults to `NULL`

`gauge_value_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to `NULL`

`gauge_value_color`
Color. Choices: gauge, custom. Flourish type hint: string, defaults to `NULL`

gauge_value_color_custom
: Flourish type hint: color, defaults to NULL

gauge_value_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

gauge_value_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

gauge_value_space_below
: Space below. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

gauge_value_space_below_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_filter_controls_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
: Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

`chart_filter_controls_control_type`
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to `NULL`

`chart_filter_controls_control_styles`
: Adv. Flourish type hint: boolean, defaults to `NULL`

`chart_filter_controls_control_title`
: Control title. Flourish type hint: string, defaults to `NULL`

`chart_filter_controls_button_group`
: Grouped. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_filter_controls_button_group_width_mode`
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to `NULL`

`chart_filter_controls_button_group_width_fixed`
: Width. Flourish type hint: number, defaults to `NULL`

`chart_filter_controls_dropdown_width_mode`
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to `NULL`

`chart_filter_controls_dropdown_width_fixed`
: Width. Flourish type hint: number, defaults to `NULL`

`chart_filter_controls_slider_width`
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to `NULL`

`chart_filter_controls_slider_max_label_width`
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to `NULL`

`chart_filter_controls_slider_step_time`
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to `NULL`

`chart_filter_controls_slider_loop`
: Loop. Flourish type hint: boolean, defaults to `NULL`

`chart_filter_controls_slider_restart_pause`
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to `NULL`

`chart_filter_controls_sort`
: Sorting. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_controls_style_font_size`
: Text size. Flourish type hint: number, defaults to `NULL`

`chart_controls_style_font_weight`
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to `NULL`

`chart_controls_style_height`
: Height. Flourish type hint: number, defaults to `NULL`

`chart_dropdown_control_style_background`
: Background. Flourish type hint: color, defaults to `NULL`

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
: Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
: Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
: Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
: Play/pause. Flourish type hint: color, defaults to NULL

`chart_slider_control_style_track_height`
: Track height. Flourish type hint: number, defaults to `NULL`

`chart_slider_control_style_handle_height`
: Height. Flourish type hint: number, defaults to `NULL`

`chart_slider_control_style_play_button`
: Play button. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_body_font`
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to `NULL`

`chart_layout_font_color`
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to `NULL`

`chart_layout_background_color_enabled`
: Color. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_background_image_enabled`
: Image. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_background_color`
: Background color. Flourish type hint: color, defaults to `NULL`

`chart_layout_background_image_src`
: Image URL. Flourish type hint: url, defaults to `NULL`

`chart_layout_background_image_size`
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to `NULL`

`chart_layout_background_image_position`
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to `NULL`

`chart_layout_max_width_target`
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to `NULL`

`chart_layout_max_width`
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to `NULL`

`chart_layout_max_width_align`
: Align. Choices: left, center, right. Flourish type hint: string, defaults to `NULL`

`chart_layout_layout_order`
: Layout order. Flourish type hint: string, defaults to `NULL`

`chart_layout_space_between_sections`
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to `NULL`

`chart_layout_space_between_sections_custom`
: Custom. Flourish type hint: number, defaults to `NULL`

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "gauge", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_gauge_data(gapminder) |>
  set_gauge_details()
)
```

`set_hierarchy_details` *Set hierarchy chart details*

Description

Set hierarchy chart details

Usage

```
set_hierarchy_details(
  .,
  sort_by = NULL,
  aggregation_type = NULL,
  num_of_visible_levels = NULL,
  auto_set_height = NULL,
  treemap_aspect_ratio_normal = NULL,
  treemap_aspect_ratio_narrow = NULL,
  responsive_narrow_breakpoint = NULL,
  treemap_type = NULL,
  treemap_ratio = NULL,
  cellPadding = NULL,
  sunburst_depth_fade = NULL,
  sunburst_labelling = NULL,
  sunburst_inner_radius = NULL,
  sunburst_show_zoomed_node_in_center = NULL,
  bar_min_bar_thickness = NULL,
  bar_max_bar_thickness = NULL,
  bar_bar_padding = NULL,
  bar_max_value = NULL,
  radial_tree_outer_radius = NULL,
  radial_tree_bar_length = NULL,
  radial_tree_bar_width = NULL,
  radial_tree_rotation = NULL,
  label_color = NULL,
  label_size = NULL,
  min_label_size = NULL,
  max_label_size = NULL,
  label_padding = NULL,
  label_case = NULL,
  label_weight = NULL,
  bar_axis_label_size = NULL,
  bar_axis_labels_above = NULL,
  bar_axis_label_space = NULL,
  multi_line_labels = NULL,
  show_value_labels = NULL,
  bar_value_label_space = NULL,
  value_label_bold = NULL,
```

```
    value_label_relative_size = NULL,
    chart_color_scale_categorical_palette = NULL,
    chart_color_scale_categorical_extend = NULL,
    chart_color_scale_categorical_custom_palette = NULL,
    chart_color_scale_numeric_type = NULL,
    chart_color_scale_binning = NULL,
    chart_color_scale_bin_mode = NULL,
    chart_color_scale_bin_count = NULL,
    chart_color_scale_bin_thresholds = NULL,
    chart_color_scale_sequential_palette = NULL,
    chart_color_scale_sequential_reverse = NULL,
    chart_color_scale_sequential_custom_min = NULL,
    chart_color_scale_sequential_custom_max = NULL,
    chart_color_scale_sequential_color_space = NULL,
    chart_color_scale_sequential_custom_domain = NULL,
    chart_color_scale_sequential_domain_min = NULL,
    chart_color_scale_sequential_domain_max = NULL,
    chart_color_scale_diverging_palette = NULL,
    chart_color_scale_diverging_reverse = NULL,
    chart_color_scale_diverging_custom_min = NULL,
    chart_color_scale_diverging_custom_mid = NULL,
    chart_color_scale_diverging_custom_max = NULL,
    chart_color_scale_diverging_color_space = NULL,
    chart_color_scale_diverging_custom_domain = NULL,
    chart_color_scale_diverging_domain_min = NULL,
    chart_color_scale_diverging_domain_mid = NULL,
    chart_color_scale_diverging_domain_max = NULL,
    stroke_color = NULL,
    axis_label_color = NULL,
    radial_tree_colored_links = NULL,
    radial_tree_link_color = NULL,
    legend_mode = NULL,
    chart_legend_container_alignment = NULL,
    chart_legend_container_orientation = NULL,
    chart_legend_container_title_weight = NULL,
    chart_legend_container_text_weight = NULL,
    chart_legend_container_text_color = NULL,
    chart_legend_container_text_size = NULL,
    chart_categorical_legend_show_legend = NULL,
    chart_categorical_legend_title_mode = NULL,
    chart_categorical_legend_title = NULL,
    chart_categorical_legend_swatch_width = NULL,
    chart_categorical_legend_swatch_height = NULL,
    chart_categorical_legend_swatch_radius = NULL,
    chart_categorical_legend_legend_items_padding = NULL,
    chart_categorical_legend_swatch_outline = NULL,
    chart_categorical_legend_swatch_outline_color = NULL,
    chart_categorical_legend_order_override = NULL,
```

```
chart_categorical_legend_icon_height = NULL,
chart_categorical_legend_icon_color = NULL,
chart_categorical_legend_max_width = NULL,
chart_categorical_legend_orientation = NULL,
legend_position = NULL,
chart_popup_mode = NULL,
chart_popup_popup_is_custom = NULL,
chart_popup_show_popup_styles = NULL,
chart_popup_popup_custom_header = NULL,
chart_popup_popup_custom_main = NULL,
chart_popup_popup_custom_accessible = NULL,
chart_popup_popup_width = NULL,
chart_popup_popup_font_size = NULL,
chart_popup_popup_text_color = NULL,
chart_popup_popup_align = NULL,
chart_popup_popup_background = NULL,
chart_popup_popup_background_opacity = NULL,
chart_popup_popup_padding = NULL,
chart_popup_popup_radius = NULL,
chart_popup_popup_header_type = NULL,
chart_popup_popup_header_background = NULL,
chart_popup_popup_header_text_color = NULL,
chart_popup_popup_list_type = NULL,
chart_popup_popup_list_label_weight = NULL,
chart_popup_popup_list_separator = NULL,
chart_popup_popup_shadow = NULL,
chart_popup_popup_pointer = NULL,
chart_popup_panel_position = NULL,
chart_popup_panel_open_duration = NULL,
chart_popup_panel_side_fixed = NULL,
chart_popup_panel_side_default_content = NULL,
chart_popup_panel_is_custom = NULL,
chart_popup_show_panel_styles = NULL,
chart_popup_panel_custom_header = NULL,
chart_popup_panel_custom_main = NULL,
chart_popup_panel_width_overlay = NULL,
chart_popup_panel_height_overlay = NULL,
chart_popup_panel_width_side = NULL,
chart_popup_panel_height_side = NULL,
chart_popup_panel_max_width = NULL,
chart_popup_panel_max_height = NULL,
chart_popup_panel_vertical_position = NULL,
chart_popup_panel_text_color = NULL,
chart_popup_panel_font_size = NULL,
chart_popup_panel_align = NULL,
chart_popup_panel_background = NULL,
chart_popup_panel_background_opacity = NULL,
chart_popup_panel_padding = NULL,
```

```
  chart_popup_panel_radius = NULL,
  chart_popup_panel_list_type = NULL,
  chart_popup_panel_list_label_weight = NULL,
  chart_popup_panel_list_separator = NULL,
  chart_popup_panel_shadow = NULL,
  popup_active_levels = NULL,
  filter_control_visibility = NULL,
  filter_include_all = NULL,
  filter_all_label = NULL,
  chart_filter_controls_control_type = NULL,
  chart_filter_controls_control_styles = NULL,
  chart_filter_controls_control_title = NULL,
  chart_filter_controls_button_group = NULL,
  chart_filter_controls_button_group_width_mode = NULL,
  chart_filter_controls_button_group_width_fixed = NULL,
  chart_filter_controls_dropdown_width_mode = NULL,
  chart_filter_controls_dropdown_width_fixed = NULL,
  chart_filter_controls_slider_width = NULL,
  chart_filter_controls_slider_max_label_width = NULL,
  chart_filter_controls_slider_step_time = NULL,
  chart_filter_controls_slider_loop = NULL,
  chart_filter_controls_slider_restart_pause = NULL,
  chart_filter_controls_sort = NULL,
  size_by_control_visibility = NULL,
  chart_size_filter_controls_control_type = NULL,
  chart_size_filter_controls_control_styles = NULL,
  chart_size_filter_controls_control_title = NULL,
  chart_size_filter_controls_button_group = NULL,
  chart_size_filter_controls_button_group_width_mode = NULL,
  chart_size_filter_controls_button_group_width_fixed = NULL,
  chart_size_filter_controls_dropdown_width_mode = NULL,
  chart_size_filter_controls_dropdown_width_fixed = NULL,
  chart_size_filter_controls_slider_width = NULL,
  chart_size_filter_controls_slider_max_label_width = NULL,
  chart_size_filter_controls_slider_step_time = NULL,
  chart_size_filter_controls_slider_loop = NULL,
  chart_size_filter_controls_slider_restart_pause = NULL,
  chart_size_filter_controls_sort = NULL,
  ascend_button_visibility = NULL,
  zoom_out_button_color = NULL,
  zoom_out_arrow_color = NULL,
  chart_filter_controls_container_alignment = NULL,
  chart_filter_controls_container_controls_spacing = NULL,
  chart_controls_style_font_size = NULL,
  chart_controls_style_font_weight = NULL,
  chart_controls_style_height = NULL,
  chart_dropdown_control_style_background = NULL,
  chart_dropdown_control_style_font_color = NULL,
```

```
chart_dropdown_control_style_border_styles_advanced = NULL,
chart_dropdown_control_style_border_style = NULL,
chart_dropdown_control_style_border_width = NULL,
chart_dropdown_control_style_border_color = NULL,
chart_dropdown_control_style_border_transparency = NULL,
chart_dropdown_control_style_border_radius = NULL,
chart_button_control_style_background = NULL,
chart_button_control_style_background_selected = NULL,
chart_button_control_style_background_hover = NULL,
chart_button_control_style_font_color = NULL,
chart_button_control_style_font_color_selected = NULL,
chart_button_control_style_font_color_hover = NULL,
chart_button_control_style_button_styles_advanced = NULL,
chart_button_control_style_border_width = NULL,
chart_button_control_style_border_color = NULL,
chart_button_control_style_border_transparency = NULL,
chart_button_control_style_border_radius = NULL,
chart_slider_control_style_track_color = NULL,
chart_slider_control_style_font_color = NULL,
chart_slider_control_style_handle_color = NULL,
chart_slider_control_style_play_color = NULL,
chart_slider_control_style_track_height = NULL,
chart_slider_control_style_handle_height = NULL,
chart_slider_control_style_play_button = NULL,
animation_duration = NULL,
size_by_number_formatter_prefix = NULL,
size_by_number_formatter_suffix = NULL,
size_by_number_formatter_n_dec = NULL,
size_by_number_formatter_advanced = NULL,
size_by_number_formatter_negative_sign = NULL,
size_by_number_formatter_strip_zeros = NULL,
size_by_number_formatter_strip_separator = NULL,
size_by_number_formatter_transform_labels = NULL,
size_by_number_formatter_transform = NULL,
size_by_number_formatter_multiply_divide_constant = NULL,
size_by_number_formatter_exponentiate_constant = NULL,
filter_number_formatter_prefix = NULL,
filter_number_formatter_suffix = NULL,
filter_number_formatter_n_dec = NULL,
filter_number_formatter_advanced = NULL,
filter_number_formatter_negative_sign = NULL,
filter_number_formatter_strip_zeros = NULL,
filter_number_formatter_strip_separator = NULL,
filter_number_formatter_transform_labels = NULL,
filter_number_formatter_transform = NULL,
filter_number_formatter_multiply_divide_constant = NULL,
filter_number_formatter_exponentiate_constant = NULL,
chart_layout_body_font = NULL,
```

```
    chart_layout_font_color = NULL,
    chart_layout_background_color_enabled = NULL,
    chart_layout_background_image_enabled = NULL,
    chart_layout_background_color = NULL,
    chart_layout_background_image_src = NULL,
    chart_layout_background_image_size = NULL,
    chart_layout_background_image_position = NULL,
    chart_layout_max_width_target = NULL,
    chart_layout_max_width = NULL,
    chart_layout_max_width_align = NULL,
    chart_layout_layout_order = NULL,
    chart_layout_space_between_sections = NULL,
    chart_layout_space_between_sections_custom = NULL,
    chart_layout_margin_top = NULL,
    chart_layout_margin_right = NULL,
    chart_layout_margin_bottom = NULL,
    chart_layout_margin_left = NULL,
    chart_layout_border_enabled = NULL,
    chart_layout_border_top_width = NULL,
    chart_layout_border_top_style = NULL,
    chart_layout_border_top_color = NULL,
    chart_layout_border_right_width = NULL,
    chart_layout_border_right_style = NULL,
    chart_layout_border_right_color = NULL,
    chart_layout_border_bottom_width = NULL,
    chart_layout_border_bottom_style = NULL,
    chart_layout_border_bottom_color = NULL,
    chart_layout_border_left_width = NULL,
    chart_layout_border_left_style = NULL,
    chart_layout_border_left_color = NULL,
    chart_layout_read_direction = NULL,
    chart_layout_font_size_mobile_small = NULL,
    chart_layout_font_size_mobile_big = NULL,
    chart_layout_font_size_tablet = NULL,
    chart_layout_font_size_desktop = NULL,
    chart_layout_font_size_big_screen = NULL,
    chart_layout_breakpoint_mobile_small = NULL,
    chart_layout_breakpoint_mobile_big = NULL,
    chart_layout_breakpoint_tablet = NULL,
    chart_layout_breakpoint_desktop = NULL,
    chart_layout_breakpoint_big_screen = NULL,
    chart_layout_header_align = NULL,
    chart_layout_title = NULL,
    chart_layout_title_styling = NULL,
    chart_layout_title_font = NULL,
    chart_layout_title_size = NULL,
    chart_layout_title_size_custom = NULL,
    chart_layout_title_weight = NULL,
```

```
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
```

```
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL,
  chart_url_settings_enabled = NULL,
  chart_url_settings_whitelist = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
sort_by	Sort by. Choices: data, value, name. Sort cells by value or by name. (In the Circles layout, the circles are placed in the specified order following an approximately spiral path.). Flourish type hint: string, defaults to NULL
aggregation_type	Size cells by. Choices: sum, count. Flourish type hint: string, defaults to NULL
num_of_visible_levels	Depth. How many hierarchy levels are visible at once. Flourish type hint: number, defaults to NULL
auto_set_height	Automatic height. Choices: TRUE, FALSE. Whether responsive embeds can adjust their height automatically. Ignored in simple Iframe embeds, Canva and other fixed-height contexts. Flourish type hint: boolean, defaults to NULL

`treemap_aspect_ratio_normal`
: Aspect (desktop). Height of treemap, as % of width. Flourish type hint: number, defaults to NULL

`treemap_aspect_ratio_narrow`
: Aspect (mobile). Height of treemap, as % of width. Flourish type hint: number, defaults to NULL

`responsive_narrow_breakpoint`
: Breakpoint. The width at which mobile mode ends and desktop begins. Flourish type hint: number, defaults to NULL

`treemap_type`
: Tile layout. Choices: treemap_binary, treemap_resquarify, treemap_slice, treemap_dice, treemap_slice_dice. Flourish type hint: string, defaults to NULL

`treemap_ratio`
: Target. The target ratio between width and height, where 1 is sqaure and a large number is a tall or wide rectangle. Flourish type hint: number, defaults to NULL

`cellPadding`
: Padding. Choices: low, medium, high. Flourish type hint: string, defaults to NULL

`sunburst_depth_fade`
: Fade. How quickly the segments fade with hierachical depth. (Use 1 for no fade.). Flourish type hint: number, defaults to NULL

`sunburst_labelling`
: Orientation. Choices: auto, radial, circular. How the labels should be oriented. Flourish type hint: string, defaults to NULL

`sunburst_inner_radius`
: Hole size. As a % of overall radius. Flourish type hint: number, defaults to NULL

`sunburst_show_zoomed_node_in_center`
: Show zoomed node in center. Show zoomed node as a circle in the center of the sunburst chart. (If not zoomed, the space is left blank.). Flourish type hint: boolean, defaults to NULL

`bar_min_bar_thickness`
: Height. Minimum bar thickness in pixels. This also determines bar thickness if Automatic height is selected and container height isnt fixed. Flourish type hint: number, defaults to NULL

`bar_max_bar_thickness`
: Max height. Maximum bar thickness in pixels. Applies when Automatic height is false. Flourish type hint: number, defaults to NULL

`bar_bar_padding`
: Spacing. Distance between bars in pixels. Flourish type hint: number, defaults to NULL

`bar_max_value`
: Max value. The maximum value represented by bar length (leave blank for auto-scaling). Flourish type hint: number, defaults to NULL

`radial_tree_outer_radius`
: Outer radius (%). Radius of outer nodes (as a percent of the container size). Flourish type hint: number, defaults to NULL

`radial_tree_bar_length`
: Bar length (%). Bar length (as a percent of the container size). Flourish type hint: number, defaults to NULL

radial_tree_bar_width
: Bar width (pixels). Bar width in pixels. Flourish type hint: number, defaults to NULL

radial_tree_rotation
: Rotation (degrees). Rotates the whole tree. Flourish type hint: number, defaults to NULL

label_color
: Color. Flourish type hint: color, defaults to NULL

label_size
: Label size. Label size in rems Flourish type hint: number, defaults to NULL

min_label_size
: Min size. Minimum label size, in rems Flourish type hint: number, defaults to NULL

max_label_size
: Max size. Max label size, in rems Flourish type hint: number, defaults to NULL

label_padding
: Padding. Padding between label and border, in rems Flourish type hint: number, defaults to NULL

label_case
: Label case. Choices: all_upper_case, all_lower_case, top_upper_case, bottom_upper_case. Determines whether labels are lower or upper case. Items at the top level of the hierarchy can have a different case to the remaining items. Flourish type hint: string, defaults to NULL

label_weight
: Label weight. Choices: all_normal, all_bold, top_bold, bottom_bold. Determines the font weight (normal or bold) of labels. Items at the top level of the hierarchy can have a different weight to the remaining items. Flourish type hint: string, defaults to NULL

bar_axis_label_size
: Label size. Axis label size, in rems Flourish type hint: number, defaults to NULL

bar_axis_labels_above
: Position. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

bar_axis_label_space
: Width. Space available for axis labels, in rems Flourish type hint: number, defaults to NULL

multi_line_labels
: Wrap long labels. Display long labels across multiple lines where possible. Currently supported in treemap and circle packing. Flourish type hint: boolean, defaults to NULL

show_value_labels
: Show values. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

bar_value_label_space
: Space. Space available for value labels, in rems Flourish type hint: number, defaults to NULL

value_label_bold
: Bold. Flourish type hint: boolean, defaults to NULL

value_label_relative_size
: Relative size. The size of the value label relative to the name label. Flourish type hint: number, defaults to NULL

chart_color_scale_categorical_palette
: Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

stroke_color
: Stroke color. Flourish type hint: color, defaults to NULL

axis_label_color
: Axis color. Flourish type hint: color, defaults to NULL

radial_tree_colored_links
: Colored links. Use colored links. Flourish type hint: boolean, defaults to NULL

radial_tree_link_color
: Radial tree link color. Flourish type hint: color, defaults to NULL

legend_mode
: Legend mode. Choices: on, off. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

legend_position
: Legend position. Choices: above, below. Flourish type hint: string, defaults to NULL

chart_popup_mode
: Choices: none, popup, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. The text to appear in the popup. You can use {{column_name}} to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. You

can also use {{NAME}} to include the name of the current item, {{VALUE}} to include the value of the current item and {{SIZEBY}} to include the name of the column chosen to size items. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{#if column_name}}Text to display when column_name is not empty{{/if}}. For example: {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. The text to appear in the popup. You can use {{column_name}} to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. You can also use {{NAME}} to include the name of the current item, {{VALUE}} to include the value of the current item and {{SIZEBY}} to include the name of the column chosen to size items. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{#if column_name}}Text to display when column_name
For example: {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI
If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. The text to appear in the panel. You can use {{column_name}} to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the panel. You can also use {{NAME}} to include the name of the current item, {{VALUE}} to include the value of the current item and {{SIZEBY}} to include the name of the column chosen to size items. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{#if column_name}}Text to display when column_name is not empty{{/if}}. For example: {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. The text to appear in the panel. You can use {{column_name}} to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the panel. You can also use {{NAME}} to include the name of the current item, {{VALUE}} to include the value of the current item and {{SIZEBY}} to include the name of the column chosen to size items. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{#if column_name}}Text to display when column_name

For example: {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

popup_active_levels
: When to show popup or panel. Choices: all_levels, top_level, below_top_level, above_bottom_level, bottom_level. Specify which hierarchy levels popup is active on. Flourish type hint: string, defaults to NULL

`filter_control_visibility`
: Visibility. Choices: always, editor, never. Sets whether the Filter is always visible, only visible when editing or never visible. Flourish type hint: string, defaults to `NULL`

`filter_include_all`
: Include "All" in filter. Flourish type hint: boolean, defaults to `NULL`

`filter_all_label`
: Filter All label. Flourish type hint: string, defaults to `NULL`

`chart_filter_controls_control_type`
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to `NULL`

`chart_filter_controls_control_styles`
: Adv. Flourish type hint: boolean, defaults to `NULL`

`chart_filter_controls_control_title`
: Control title. Flourish type hint: string, defaults to `NULL`

`chart_filter_controls_button_group`
: Grouped. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_filter_controls_button_group_width_mode`
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to `NULL`

`chart_filter_controls_button_group_width_fixed`
: Width. Flourish type hint: number, defaults to `NULL`

`chart_filter_controls_dropdown_width_mode`
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to `NULL`

`chart_filter_controls_dropdown_width_fixed`
: Width. Flourish type hint: number, defaults to `NULL`

`chart_filter_controls_slider_width`
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to `NULL`

`chart_filter_controls_slider_max_label_width`
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to `NULL`

`chart_filter_controls_slider_step_time`
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to `NULL`

`chart_filter_controls_slider_loop`
: Loop. Flourish type hint: boolean, defaults to `NULL`

`chart_filter_controls_slider_restart_pause`
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to `NULL`

`chart_filter_controls_sort`
: Sorting. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

size_by_control_visibility
: Visibility. Choices: always, editor, never. Sets whether the Size by control is always visible, only visible when editing or never visible. Flourish type hint: string, defaults to NULL

chart_size_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_size_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_size_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_size_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_size_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_size_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_size_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_size_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_size_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_size_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_size_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_size_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_size_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_size_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

ascend_button_visibility
: Visibility. Choices: always, editor, never. Flourish type hint: string, defaults to NULL

zoom_out_button_color
: Button. Flourish type hint: color, defaults to NULL

zoom_out_arrow_color
: Arrow. Flourish type hint: color, defaults to NULL

chart_filter_controls_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
: Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_controls_style_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
: Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
: Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
: Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
: Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
: Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
: Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
: Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
: Play button. Flourish type hint: boolean, defaults to NULL

animation_duration
: Duration. The duration, in seconds, of transitions for example, between two slides in a storyFlourish type hint: number, defaults to NULL

size_by_number_formatter_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

size_by_number_formatter_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

size_by_number_formatter_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

size_by_number_formatter_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

size_by_number_formatter_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

size_by_number_formatter_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

size_by_number_formatter_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

size_by_number_formatter_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

size_by_number_formatter_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

size_by_number_formatter_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

size_by_number_formatter_exponentiate_constant
: Flourish type hint: number, defaults to NULL

filter_number_formatter_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

filter_number_formatter_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

filter_number_formatter_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

filter_number_formatter_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

filter_number_formatter_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

filter_number_formatter_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

filter_number_formatter_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

filter_number_formatter_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

filter_number_formatter_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

filter_number_formatter_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

filter_number_formatter_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

chart_url_settings_enabled
: Update project from URL. Make it possible to change the visualizations settings/state from the URL hash, for example when embedding in an iframe or popup panel. Flourish type hint: boolean, defaults to NULL

chart_url_settings_whitelist
: Allowed state properties. List each state property you want to make changeable with the URL hash See the template page for a full list of state properties. Add one property name per line. Use dot format for nested properties, e.g. layout.background_color. Flourish type hint: text, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "treemap", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_hierarchy_data(gapminder) |>
  set_hierarchy_details()
)
```

---

set_horserace_details *Set line chart race chart details*

Description

Set line chart race chart details

Usage

```
set_horserace_details(
  .,
  play_mode = NULL,
  zoom_steps_to_show = NULL,
  value_type = NULL,
  higher_scores_win = NULL,
  ties_mode = NULL,
  height_mode = NULL,
  padding_top = NULL,
  padding_right = NULL,
  padding_bottom = NULL,
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  chart_filter_controls_button_group_width_fixed = NULL,
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  chart_button_control_style_background_hover = NULL,
  chart_button_control_style_font_color = NULL,
  chart_button_control_style_font_color_selected = NULL,
```

```
  chart_button_control_style_font_color_hover = NULL,
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label_divider = NULL,
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chart_x_axis_title_mode = NULL,
```

```
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  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

play_mode Play mode. In All mode, the entire X axis is visible In Zoomed mode, the X axis is only visible for a specified amount of stages In Reveal mode, the X axis is visible from the start until the current stage Flourish type hint: string, defaults to NULL

zoom_steps_to_show Visible stages. The number of time slices (each of which is column of data) to show on the X axis. When in Zoom mode, these time slices are shown to the left and right of the current time. In Reveal mode, these time slices are shown at the beginning. (Value is ignored if the number specified is greater than the number of stages in the data.). Flourish type hint: number, defaults to NULL

value_type Chart mode to show on load. Choices: ranks, scores. Flourish type hint: string, defaults to NULL

higher_scores_win Data type. Choices: TRUE, FALSE. Useful for data where lower scores beat higher scores e.g. race times. Flourish type hint: boolean, defaults to NULL

ties_mode Rank ties mode. Choices: competition, dense. What ranks should be given when there are ties? See Wikipedia for an explanation of names. Flourish type hint: string, defaults to NULL

height_mode Height mode. Choices: auto, fixed, flexible. In Fill space mode, the lines will be spread out over the available chart height, which by default will be the standard Flourish chart sizes for any given screen width. In this mode, the circles/images may overlap if you have lots of lines. Match data mode will resize the embedded graphic so there is enough vertical space to avoid overlaps. (Note this wont have any effect if you embed the graphic as a fixed height.) Auto mode switches between the two modes depending on the number of lines. Flourish type hint: string, defaults to NULL

padding_top Top. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

padding_right Right. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

padding_bottom Bottom. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

padding_left Left (mobile). In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

show_buttons Ranks/scores toggle. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

show_replay Replay button. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_type Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider. Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_background_color
: Background. Flourish type hint: color, defaults to NULL

chart_filter_controls_slider_font_color
: Text. Flourish type hint: color, defaults to NULL

chart_filter_controls_slider_handle_color
: Handle. Flourish type hint: color, defaults to NULL

chart_filter_controls_slider_width
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_margin
: Label width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_handle_height
: Height. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_track_height
: Track height. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_play_button
: Play button. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

filter_include_all
: Include “All” option. Flourish type hint: boolean, defaults to NULL

label_ranks
: “Ranks”. Flourish type hint: string, defaults to NULL

label_scores
: “Scores”. Flourish type hint: string, defaults to NULL

label_replay
: “Replay”. Flourish type hint: string, defaults to NULL

filter_all_label
: "All". Flourish type hint: string, defaults to NULL

chart_controls_style_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
: Height. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

color_mode
: Color mode. Choices: category, line, single. Whether to color by category (if you have a category column set in the Datasheet), by each individual line, or give every line the same color. Flourish type hint: string, defaults to NULL

chart_color_scale_categorical_palette
: Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

color_single
: Single color. Flourish type hint: color, defaults to NULL

color_single_overrides
: Color overrides. Type the label of the line whose color you want to set, a colon and then a color (using a name, hex-code or rgb). Multiple colors can be set using multiple lines. For example: China: red India: #4455AA Brazil: rgb(30,168,26). Flourish type hint: text, defaults to NULL

line_width
: Line width. Flourish type hint: number, defaults to NULL

line_opacity
: Opacity. Flourish type hint: number, defaults to NULL

curve
: Curve. Choices: curve_linear, curve_monotone_x, curve_natural, curve_step, curve_step_after, curve_step_before. Flourish type hint: string, defaults to NULL

shade
: Shading behind line. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

shade_width
: Width. Width in pixels. Flourish type hint: number, defaults to NULL

shade_opacity
: Opacity. Set to a value between 0 and 1. Flourish type hint: number, defaults to NULL

missing
: Lines between missing data points. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

missing_opacity
: Opacity. Flourish type hint: number, defaults to NULL

missing_width
: Width. Flourish type hint: number, defaults to NULL

missing_stroke_dash
: Stroke dash. Flourish type hint: number, defaults to NULL

start_circle_r
: Start radius. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

end_circle_r
: End radius. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

end_circle_stroke
: End stroke. Flourish type hint: number, defaults to NULL

circle_space_between
: Space between. Minimum space between the circles. The space is ignored when the chart is set to fill available space. Flourish type hint: number, defaults to NULL

end_circle_stroke_bg
: Stroke color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

horse_images
: Image inside circle. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

show_labels
: Show labels. Choices: always, hover, never. Flourish type hint: string, defaults to NULL

animate_scores
: Animate scores. Flourish type hint: boolean, defaults to NULL

rank_outside_picture
: Value label position. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

label_divider
: Divider. The character between label and value. Flourish type hint: string, defaults to NULL

rank_inside_color
: Color. Flourish type hint: color, defaults to NULL

chart_labels_max_width
: Max label width. The maximum allowed label width. Flourish type hint: number, defaults to NULL

chart_labels_overlap_mode
: Overlaps. Choices: spread, hide, none. What to do with overlaps. Flourish type hint: string, defaults to NULL

chart_labels_spreading_margin
: Space between labels. The space left between labels when spreading them out to avoid overlaps. Flourish type hint: number, defaults to NULL

chart_labels_data_point_margin
: Distance. The space between the data point and the label in rems (a multiple of base font size). Flourish type hint: number, defaults to NULL

chart_labels_show_only_labels
: Show only certain labels. Manually specify which labels youd like to display (one entry per line that should match entries in the Label column). Flourish type hint: text, defaults to NULL

chart_labels_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_labels_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_labels_text_bg_color
: Outline. Flourish type hint: color, defaults to NULL

chart_labels_text_bg_size
: Outline width. As a % of the font size. Flourish type hint: number, defaults to NULL

chart_labels_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_labels_text_max_lines
: Max lines. The max number of lines for each label. Flourish type hint: number, defaults to NULL

chart_labels_text_weight
: Weight. Choices: 400, 700. Flourish type hint: string, defaults to NULL

chart_labels_lines
: Connector lines. Choices: auto, on, off. Flourish type hint: string, defaults to NULL

chart_labels_line_style
: Line style. Choices: straight, step. Flourish type hint: string, defaults to NULL

chart_labels_line_color
: Color. Flourish type hint: color, defaults to NULL

chart_labels_line_width
: Width. In rems (a multiple of base font size). Flourish type hint: number, defaults to NULL

chart_labels_line_range
: Length. The width of the space given over to lines; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

chart_labels_line_padding
: Padding. The padding to the left and right of the line; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

chart_x_axis_axis_position
: Position. Choices: bottom, float-below, float-above, top, off. Flourish type hint: string, defaults to NULL

chart_x_axis_y_axis_position
: Y value. Vertical position of the X axis on the Y scale. Flourish type hint: string, defaults to NULL

chart_x_axis_numeric_scale_type
: Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_x_axis_linear_min
: Min. Flourish type hint: number, defaults to NULL

chart_x_axis_linear_max
: Max. Flourish type hint: number, defaults to NULL

chart_x_axis_log_min
: Min. Flourish type hint: number, defaults to NULL

chart_x_axis_log_max
: Max. Flourish type hint: number, defaults to NULL

chart_x_axis_datetime_min
: Min (date). Flourish type hint: string, defaults to NULL

chart_x_axis_datetime_max
: Max (date). Flourish type hint: string, defaults to NULL

chart_x_axis_flip
: Flip axis. Flourish type hint: boolean, defaults to NULL

chart_x_axis_show_scale_settings
: Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_nice
: Round min/max. Choices: TRUE, FALSE. Enabling this option rounds the X axis start and end values to tidy numbers, such as 0, 50, 100 or whole years. Specified min and max values will override this feature. Flourish type hint: boolean, defaults to NULL

chart_x_axis_zero_axis
: Include zero. Choices: auto, on, off. Enable to extend the axis to include zero, even when data is all positive or all negative. This is ignored if you set specific min and max scale values. Flourish type hint: string, defaults to NULL

chart_x_axis_title_mode
: Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_x_axis_title
: Text. Flourish type hint: string, defaults to NULL

chart_x_axis_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_position
: Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_space
: Space. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_mode
: Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_x_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_x_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_side
: Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_x_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_x_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_x_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_x_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_x_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_category_dividers_extend
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_y_axis_axis_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_numeric_scale_type
: Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_y_axis_linear_min
: Min. Flourish type hint: number, defaults to NULL

chart_y_axis_linear_max
: Max. Flourish type hint: number, defaults to NULL

chart_y_axis_log_min
: Min. Flourish type hint: number, defaults to NULL

chart_y_axis_log_max
: Max. Flourish type hint: number, defaults to NULL

chart_y_axis_datetime_min
: Min (date). Flourish type hint: string, defaults to NULL

chart_y_axis_datetime_max
: Max (date). Flourish type hint: string, defaults to NULL

chart_y_axis_flip
: Flip axis. Flourish type hint: boolean, defaults to NULL

chart_y_axis_show_scale_settings
: Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_y_axis_nice
: Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Flourish type hint: boolean, defaults to NULL

chart_y_axis_zero_axis
: Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Flourish type hint: string, defaults to NULL

chart_y_axis_title_mode
: Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_y_axis_title
: Text. Flourish type hint: string, defaults to NULL

chart_y_axis_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_title_position
: Position. Choices: side, end. Flourish type hint: string, defaults to NULL

chart_y_axis_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_y_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_position
: Position. Choices: default, above, below. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_space
: Space. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_mode
: Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_y_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_y_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_side
: Side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_y_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_y_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_y_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_y_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_y_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Ignored for date and numeric axes. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridline_category_dividers_extend
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

zoom_y_axis
: Dynamic Y axis. Rescales the y axis when filtering or playing in zoomed mode. Flourish type hint: boolean, defaults to NULL

caption_background_color
: Background. Flourish type hint: color, defaults to NULL

caption_border_color
: Border. Flourish type hint: color, defaults to NULL

caption_border_radius
: Radius. Flourish type hint: number, defaults to NULL

caption_opacity
: Opacity. Flourish type hint: number, defaults to NULL

caption_padding
: Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

caption_position
: Position. Choices: top-left, center-left, bottom-left, top-right, center-right, bottom-right, top-center, center-center, bottom-center. Flourish type hint: string, defaults to NULL

caption_text_width
: Width. Flourish type hint: number, defaults to NULL

caption_font_size
: Font size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

caption_text_weight
: Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

caption_text_color
: Color. Flourish type hint: color, defaults to NULL

caption_mode
: Content mode. Choices: text_legend, html. In Text with colors mode, any phrases matching category names will be automatically colored. In HTML mode, no colors will be applied, but you can include any HTML in the datasheet to add images, etc. Flourish type hint: string, defaults to NULL

caption_text_align_h
: Horizontal align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

caption_text_align_v
: Vertical align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

caption_image_width
: Width. Flourish type hint: number, defaults to NULL

caption_image_position
: Position. Choices: column, column-reverse, row, row-reverse. Flourish type hint: string, defaults to NULL

caption_space_between
: Space between. Space between image and text. Flourish type hint: number, defaults to NULL

stage_duration
: Animation duration. The race animation length, in milliseconds per stage(A stage is equal to each column of your data). Flourish type hint: number, defaults to NULL

update_duration
: Mode duration. The animation duration when change between ranks and scores modes. Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

`chart_number_date_format_suffix`
: Suffix. Text to place after a number. Flourish type hint: string, defaults to `NULL`

`chart_number_date_format_n_dec`
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to `NULL`

`chart_number_date_format_advanced`
: Advanced. Flourish type hint: boolean, defaults to `NULL`

`chart_number_date_format_negative_sign`
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to `NULL`

`chart_number_date_format_strip_zeros`
: Remove trailing zeros. Flourish type hint: boolean, defaults to `NULL`

`chart_number_date_format_strip_separator`
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to `NULL`

`chart_number_date_format_transform_labels`
: Multiply/divide values. Flourish type hint: boolean, defaults to `NULL`

`chart_number_date_format_transform`
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to `NULL`

`chart_number_date_format_multiply_divide_constant`
: Flourish type hint: number, defaults to `NULL`

`chart_number_date_format_exponentiate_constant`
: Flourish type hint: number, defaults to `NULL`

`chart_layout_body_font`
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to `NULL`

`chart_layout_font_color`
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to `NULL`

`chart_layout_background_color_enabled`
: Color. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_background_image_enabled`
: Image. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_background_color`
: Background color. Flourish type hint: color, defaults to `NULL`

`chart_layout_background_image_src`
: Image URL. Flourish type hint: url, defaults to `NULL`

`chart_layout_background_image_size`
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to `NULL`

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "horserace", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_horserace_data(gapminder) |>
  set_horserace_details()
)
```

---

set_interactive_svg_details

Set interactive svg chart details

Description

Set interactive svg chart details

Usage

```
set_interactive_svg_details(
  .,
  svg_url = NULL,
  svg_width_wide = NULL,
  mobile_view = NULL,
  mobile_breakpoint = NULL,
  mobile_svg_mode = NULL,
  mobile_svg_url = NULL,
  mobile_svg_width = NULL,
  mobile_content_mode = NULL,
  clickable_svg_animation = NULL,
  clickable_svg_animation_duration = NULL,
  clickable_svg_animation_config = NULL,
  clickable_svg_animation_attr = NULL,
  clickable_svg_animation_values = NULL,
  clickable_svg_animation_repeat = NULL,
  text_panel_enabled = NULL,
  h3_default = NULL,
  h3_size = NULL,
  h4_default = NULL,
```

```
  h4_size = NULL,
  content_default = NULL,
  content_size = NULL,
  chart_popup_mode = NULL,
  chart_popup_popup_is_custom = NULL,
  chart_popup_show_popup_styles = NULL,
  chart_popup_popup_custom_header = NULL,
  chart_popup_popup_custom_main = NULL,
  chart_popup_popup_custom_accessible = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
  chart_popup_popup_text_color = NULL,
  chart_popup_popup_align = NULL,
  chart_popup_popup_background = NULL,
  chart_popup_popup_background_opacity = NULL,
  chart_popup_popup_padding = NULL,
  chart_popup_popup_radius = NULL,
  chart_popup_popup_header_type = NULL,
  chart_popup_popup_header_background = NULL,
  chart_popup_popup_header_text_color = NULL,
  chart_popup_popup_list_type = NULL,
  chart_popup_popup_list_label_weight = NULL,
  chart_popup_popup_list_separator = NULL,
  chart_popup_popup_shadow = NULL,
  chart_popup_popup_pointer = NULL,
  chart_popup_panel_position = NULL,
  chart_popup_panel_open_duration = NULL,
  chart_popup_panel_side_fixed = NULL,
  chart_popup_panel_side_default_content = NULL,
  chart_popup_panel_is_custom = NULL,
  chart_popup_show_panel_styles = NULL,
  chart_popup_panel_custom_header = NULL,
  chart_popup_panel_custom_main = NULL,
  chart_popup_panel_width_overlay = NULL,
  chart_popup_panel_height_overlay = NULL,
  chart_popup_panel_width_side = NULL,
  chart_popup_panel_height_side = NULL,
  chart_popup_panel_max_width = NULL,
  chart_popup_panel_max_height = NULL,
  chart_popup_panel_vertical_position = NULL,
  chart_popup_panel_text_color = NULL,
  chart_popup_panel_font_size = NULL,
  chart_popup_panel_align = NULL,
  chart_popup_panel_background = NULL,
  chart_popup_panel_background_opacity = NULL,
  chart_popup_panel_padding = NULL,
  chart_popup_panel_radius = NULL,
  chart_popup_panel_list_type = NULL,
```

```
  chart_popup_panel_list_label_weight = NULL,
  chart_popup_panel_list_separator = NULL,
  chart_popup_panel_shadow = NULL,
  svg_reset_fonts = NULL,
  show_css = NULL,
  stylesheet = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
```

```
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
```

```
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
svg_url	SVG file. Flourish type hint: url, defaults to NULL
svg_width_wide	Image width. The width in percentage of the image in standard wide-screen view. Flourish type hint: number, defaults to NULL
mobile_view	Different mobile view. Flourish type hint: boolean, defaults to NULL
mobile_breakpoint	Breakpoint. The size in pixels at which to switch to mobile layout Flourish type hint: number, defaults to NULL

`mobile_svg_mode`
: Image on mobile. Choices: none, same, different. Whether to show the image at all on mobile. Flourish type hint: string, defaults to `NULL`

`mobile_svg_url`
: SVG file (mobile). Flourish type hint: url, defaults to `NULL`

`mobile_svg_width`
: Width. The width in percentage of the image on a mobile view. Flourish type hint: number, defaults to `NULL`

`mobile_content_mode`
: Mobile content mode. Choices: interactive, all, accordion. If turned on all content will display on load in mobile view. Flourish type hint: string, defaults to `NULL`

`clickable_svg_animation`
: Animation clickable elements. Choices: off, animation. Flourish type hint: string, defaults to `NULL`

`clickable_svg_animation_duration`
: Duration. The duration of the highlight animation on each clickable element. Flourish type hint: number, defaults to `NULL`

`clickable_svg_animation_config`
: Advanced. Reveal settings to adjust the SVG Animation properties on clickable elements. See Mozilla docs for more detailsFlourish type hint: boolean, defaults to `NULL`

`clickable_svg_animation_attr`
: Attribute. Flourish type hint: string, defaults to `NULL`

`clickable_svg_animation_values`
: Values. Flourish type hint: string, defaults to `NULL`

`clickable_svg_animation_repeat`
: Repeat. Flourish type hint: string, defaults to `NULL`

`text_panel_enabled`
: Text panel enabled. Disable to only show text in popups. Flourish type hint: boolean, defaults to `NULL`

`h3_default`
: Default heading. The text to show on load. Flourish type hint: text, defaults to `NULL`

`h3_size`
: Size. Flourish type hint: number, defaults to `NULL`

`h4_default`
: Default subheading. The text to show on load. Flourish type hint: text, defaults to `NULL`

`h4_size`
: Size. Flourish type hint: number, defaults to `NULL`

`content_default`
: Default text. The text to show on load. Flourish type hint: text, defaults to `NULL`

`content_size`
: Size. Flourish type hint: number, defaults to `NULL`

`chart_popup_mode`
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to `NULL`

`chart_popup_popup_is_custom`
: Popup content. Choices: `FALSE`, `TRUE`. Flourish type hint: boolean, defaults to `NULL`

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI
If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

svg_reset_fonts
: Override fonts in SVG. If enabled, font-family styles will be removed in the SVG, allowing the text to be inherited from the current theme or settings. Flourish type hint: boolean, defaults to NULL

show_css
: Edit CSS. Flourish type hint: boolean, defaults to NULL

`stylesheet` Custom styles. Use the CSS class .clickable-element to target all interactive elements. When one is clicked, it has the CSS class is .highlighted and the others are .faded. The text for each clickable element is inside a .text-block, which is also .accordion in accordion mode. Flourish type hint: code, defaults to `NULL`

`chart_layout_body_font`
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to `NULL`

`chart_layout_font_color`
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to `NULL`

`chart_layout_background_color_enabled`
Color. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_background_image_enabled`
Image. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_background_color`
Background color. Flourish type hint: color, defaults to `NULL`

`chart_layout_background_image_src`
Image URL. Flourish type hint: url, defaults to `NULL`

`chart_layout_background_image_size`
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to `NULL`

`chart_layout_background_image_position`
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to `NULL`

`chart_layout_max_width_target`
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to `NULL`

`chart_layout_max_width`
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to `NULL`

`chart_layout_max_width_align`
Align. Choices: left, center, right. Flourish type hint: string, defaults to `NULL`

`chart_layout_layout_order`
Layout order. Flourish type hint: string, defaults to `NULL`

`chart_layout_space_between_sections`
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to `NULL`

`chart_layout_space_between_sections_custom`
Custom. Flourish type hint: number, defaults to `NULL`

`chart_layout_margin_top`
Top. Flourish type hint: number, defaults to `NULL`

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_enabled`
: Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_header_logo_src`
: Image. Flourish type hint: url, defaults to `NULL`

`chart_layout_header_logo_alt`
: Alt text. Flourish type hint: string, defaults to `NULL`

`chart_layout_header_logo_link_url`
: Link. Flourish type hint: string, defaults to `NULL`

`chart_layout_header_logo_height`
: Height. Flourish type hint: number, defaults to `NULL`

`chart_layout_header_logo_align`
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to `NULL`

`chart_layout_header_logo_position_inside`
: Position. Choices: top, left, right. Flourish type hint: string, defaults to `NULL`

`chart_layout_header_logo_position_outside`
: Position. Choices: left, right. Flourish type hint: string, defaults to `NULL`

`chart_layout_header_logo_margin_top`
: Top. Flourish type hint: number, defaults to `NULL`

`chart_layout_header_logo_margin_right`
: Right. Flourish type hint: number, defaults to `NULL`

`chart_layout_header_logo_margin_bottom`
: Bottom. Flourish type hint: number, defaults to `NULL`

`chart_layout_header_logo_margin_left`
: Left. Flourish type hint: number, defaults to `NULL`

`chart_layout_footer_align`
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_text_size`
: Size. Flourish type hint: number, defaults to `NULL`

`chart_layout_footer_text_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_layout_footer_styling`
: Advanced footer styles. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_footer_font`
: Font. Flourish type hint: font, defaults to `NULL`

`chart_layout_footer_text_weight`
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to `NULL`

`chart_layout_source_name`
: Source name. Flourish type hint: string, defaults to `NULL`

`chart_layout_source_url`
: Source url. Flourish type hint: string, defaults to `NULL`

`chart_layout_multiple_sources`
: Multiple sources. Flourish type hint: boolean, defaults to `NULL`

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

`chart_layout_footer_align_vertical`
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_border`
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_border_width`
: Width. Flourish type hint: number, defaults to `NULL`

`chart_layout_footer_border_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_layout_footer_border_style`
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_border_space`
: Space. Space between border and footer text. Flourish type hint: number, defaults to `NULL`

`chart_layout_screenreader_text_primary`
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to `NULL`

`chart_layout_screenreader_label`
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to `NULL`

`chart_layout_screenreader_hide_primary`
: Screenreader mode for main visual container. Choices: `TRUE`, `FALSE`. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to `NULL`

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "interactive_svg", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_interactive_svg_data(gapminder) |>
  set_interactive_svg_details()
)
```

set_line_bar_pie_details *Set line, bar and pie charts chart details*

Description

Set line, bar and pie charts chart details

Usage

```
set_line_bar_pie_details(
  .,
  dual_axis = NULL,
  secondary_series = NULL,
  stack_sort = NULL,
  facet_layout = NULL,
  height_mode = NULL,
  facet_aspect = NULL,
  facet_aspect_mobile = NULL,
  facet_aspect_breakpoint = NULL,
  sort_mode = NULL,
  chart_facet_columns_fixed = NULL,
  chart_facet_columns = NULL,
  chart_facet_min_width = NULL,
  chart_facet_min_width_fixed = NULL,
  chart_facet_custom_grid = NULL,
  chart_facet_custom_positions = NULL,
  chart_facet_max_width = NULL,
  chart_facet_gutter_w = NULL,
  chart_facet_gutter_h = NULL,
  chart_facet_animation = NULL,
  chart_facet_titles = NULL,
  chart_facet_title_align = NULL,
  chart_facet_title_size = NULL,
  chart_facet_title_unit = NULL,
  chart_facet_title_color = NULL,
  chart_facet_title_padding_top = NULL,
  chart_facet_title_padding_bottom = NULL,
  chart_facet_title_bg = NULL,
  chart_facet_title_bg_color = NULL,
  chart_facet_title_bg_padding = NULL,
  x_axis_matching = NULL,
  x_axis_last_row_only = NULL,
  y_axis_matching = NULL,
  y_axis_first_col_only = NULL,
  y2_axis_matching = NULL,
  y2_axis_last_col_only = NULL,
```

```
  series_filter_mode = NULL,
  series_control_multi_text = NULL,
  series_control_multi_none_text = NULL,
  series_control_select_text = NULL,
  max_series = NULL,
  series_control_background = NULL,
  series_control_text = NULL,
  series_control_border = NULL,
  series_control_pill_background = NULL,
  series_control_pill_text = NULL,
  series_control_pill_radius = NULL,
  series_control_single_all = NULL,
  series_control_single_all_text = NULL,
  filter_rows_with_no_data = NULL,
  chart_series_filter_controls_control_type = NULL,
  chart_series_filter_controls_control_styles = NULL,
  chart_series_filter_controls_control_title = NULL,
  chart_series_filter_controls_button_group = NULL,
  chart_series_filter_controls_button_group_width_mode = NULL,
  chart_series_filter_controls_button_group_width_fixed = NULL,
  chart_series_filter_controls_dropdown_width_mode = NULL,
  chart_series_filter_controls_dropdown_width_fixed = NULL,
  chart_series_filter_controls_slider_width = NULL,
  chart_series_filter_controls_slider_max_label_width = NULL,
  chart_series_filter_controls_slider_step_time = NULL,
  chart_series_filter_controls_slider_loop = NULL,
  chart_series_filter_controls_slider_restart_pause = NULL,
  chart_series_filter_controls_sort = NULL,
  row_filter_control_all = NULL,
  row_filter_control_all_text = NULL,
  chart_row_filter_controls_control_type = NULL,
  chart_row_filter_controls_control_styles = NULL,
  chart_row_filter_controls_control_title = NULL,
  chart_row_filter_controls_button_group = NULL,
  chart_row_filter_controls_button_group_width_mode = NULL,
  chart_row_filter_controls_button_group_width_fixed = NULL,
  chart_row_filter_controls_dropdown_width_mode = NULL,
  chart_row_filter_controls_dropdown_width_fixed = NULL,
  chart_row_filter_controls_slider_width = NULL,
  chart_row_filter_controls_slider_max_label_width = NULL,
  chart_row_filter_controls_slider_step_time = NULL,
  chart_row_filter_controls_slider_loop = NULL,
  chart_row_filter_controls_slider_restart_pause = NULL,
  chart_row_filter_controls_sort = NULL,
  log_control_y_visible = NULL,
  chart_log_control_y_filter_controls_control_type = NULL,
  chart_log_control_y_filter_controls_control_styles = NULL,
  chart_log_control_y_filter_controls_control_title = NULL,
```

```
chart_log_control_y_filter_controls_button_group = NULL,
chart_log_control_y_filter_controls_button_group_width_mode = NULL,
chart_log_control_y_filter_controls_button_group_width_fixed = NULL,
chart_log_control_y_filter_controls_dropdown_width_mode = NULL,
chart_log_control_y_filter_controls_dropdown_width_fixed = NULL,
chart_log_control_y_filter_controls_slider_width = NULL,
chart_log_control_y_filter_controls_slider_max_label_width = NULL,
chart_log_control_y_filter_controls_slider_step_time = NULL,
chart_log_control_y_filter_controls_slider_loop = NULL,
chart_log_control_y_filter_controls_slider_restart_pause = NULL,
chart_log_control_y_filter_controls_sort = NULL,
log_control_y_text_linear = NULL,
log_control_y_text_log = NULL,
chart_controls_style_font_size = NULL,
chart_controls_style_font_weight = NULL,
chart_controls_style_height = NULL,
chart_dropdown_control_style_background = NULL,
chart_dropdown_control_style_font_color = NULL,
chart_dropdown_control_style_border_styles_advanced = NULL,
chart_dropdown_control_style_border_style = NULL,
chart_dropdown_control_style_border_width = NULL,
chart_dropdown_control_style_border_color = NULL,
chart_dropdown_control_style_border_transparency = NULL,
chart_dropdown_control_style_border_radius = NULL,
chart_button_control_style_background = NULL,
chart_button_control_style_background_selected = NULL,
chart_button_control_style_background_hover = NULL,
chart_button_control_style_font_color = NULL,
chart_button_control_style_font_color_selected = NULL,
chart_button_control_style_font_color_hover = NULL,
chart_button_control_style_button_styles_advanced = NULL,
chart_button_control_style_border_width = NULL,
chart_button_control_style_border_color = NULL,
chart_button_control_style_border_transparency = NULL,
chart_button_control_style_border_radius = NULL,
chart_filter_controls_container_alignment = NULL,
chart_filter_controls_container_controls_spacing = NULL,
controls_position = NULL,
color_mode = NULL,
chart_color_scale_categorical_palette = NULL,
chart_color_scale_categorical_extend = NULL,
chart_color_scale_categorical_custom_palette = NULL,
chart_color_scale_numeric_type = NULL,
chart_color_scale_binning = NULL,
chart_color_scale_bin_mode = NULL,
chart_color_scale_bin_count = NULL,
chart_color_scale_bin_thresholds = NULL,
chart_color_scale_sequential_palette = NULL,
```

```
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  line_width = NULL,
  line_opacity = NULL,
  line_stroke = NULL,
  line_curve = NULL,
  line_dash_items = NULL,
  line_dash_width = NULL,
  line_dash_space_width = NULL,
  line_interpolate = NULL,
  shade_between_lines = NULL,
  shade_between_lines_config = NULL,
  shade_between_lines_color = NULL,
  shade_between_lines_opacity = NULL,
  area_opacity = NULL,
  dot_mode = NULL,
  dot_opacity = NULL,
  dot_radius = NULL,
  dot_radius_last = NULL,
  dot_hollow = NULL,
  bar_height = NULL,
  column_opacity = NULL,
  uniform_column_width = NULL,
  uniform_bar_height = NULL,
  column_padding_inner = NULL,
  column_padding_in_group = NULL,
  column_padding_stack = NULL,
  column_stroke = NULL,
  column_stroke_opacity = NULL,
  column_stroke_color = NULL,
  donut_inner_radius = NULL,
  donut_corner_radius = NULL,
  donut_pad_angle = NULL,
```

```
  donut_auto_scale = NULL,
  bar_labels_above = NULL,
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)
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Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
dual_axis	Axis type. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
secondary_series	Number of combo lines. In line-bar mode , sets how many of your value columns are treated as lines. In line-line mode , sets how many lines use the right axis. The order counts from the start, so if you want column B as a line and A as a column, set the order in the column bindings to "B, A". Flourish type hint: number, defaults to NULL
stack_sort	Stack sort mode. Choices: data, ascending, descending. Whether each stack is in the default order or sorted by value. Use ascending or descending with a stacked area chart to make a "bump" area chart. Flourish type hint: string, defaults to NULL
facet_layout	Grid mode. Choices: single, facets. By default, Grid of charts creates a mini chart for each series. If Grid of charts is set in your column bindings, a mini chart will be created for each unique value in your specified column. Flourish type hint: string, defaults to NULL
height_mode	Height mode. Choices: auto, fill_space, aspect. Auto: sets the height based on the chart type, data and width. Standard: uses the default Flourish responsive sizing. Aspect ratio: sets the aspect of each plot. This setting is ignored when embedded in a fixed-height context, such as a simple iframe embedFlourish type hint: string, defaults to NULL
facet_aspect	Aspect (desktop). Aspect ratio of each plot in desktop mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
facet_aspect_mobile	Aspect (mobile). Aspect of each plot in mobile mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
facet_aspect_breakpoint	Breakpoint. The width at which mobile mode ends and desktop begins. Flourish type hint: number, defaults to NULL
sort_mode	Sort mode. Choices: data, value, label. Flourish type hint: string, defaults to NULL
chart_facet_columns_fixed	Grid mode. Choices: FALSE, TRUE. In Auto mode, the number of columns will change with screen size. Flourish type hint: boolean, defaults to NULL
chart_facet_columns	Columns. The number of columns in the grid. (If specifying custom positions, extra columns may be added automatically.). Flourish type hint: number, defaults to NULL

chart_facet_min_width
: Min chart width. The minimum width of a chart or cell in the grid. Determines the number of columns. Flourish type hint: number, defaults to NULL

chart_facet_min_width_fixed
: Min chart width. Specify the minimum width of a chart or cell in the grid, below which the Fixed grid will be ignored and it will fall back to responsive Auto mode. Flourish type hint: number, defaults to NULL

chart_facet_custom_grid
: Add custom positions. Specify positions for individual charts in the grid useful for making a map layout. Flourish type hint: boolean, defaults to NULL

chart_facet_custom_positions
: Custom positions. Enter the name of a facet, one per line, using the format: Facet name: row, column where row and column are numbers indicating the grid position where a facet should be positioned. For example, Alaska : 1, 1 Maine : 1, 11 Wisconsin : 2, 6 Flourish type hint: text, defaults to NULL

chart_facet_max_width
: Max chart width. The maximum width of a chart or cell in the grid. Flourish type hint: number, defaults to NULL

chart_facet_gutter_w
: Horizontal margin. Flourish type hint: number, defaults to NULL

chart_facet_gutter_h
: Vertical margin. Flourish type hint: number, defaults to NULL

chart_facet_animation
: On data change. Choices: auto, name, reuse. If a chart in the grid is removed, that cell can either be animated out (with another cell moving to take its place) or reused for the new data in that cell. Auto decides for you based on the data. Flourish type hint: string, defaults to NULL

chart_facet_titles
: Show titles. Flourish type hint: boolean, defaults to NULL

chart_facet_title_align
: Alignment. Choices: auto, left, center, right. Flourish type hint: string, defaults to NULL

chart_facet_title_size
: Size. Relative to the width of the chart. Flourish type hint: number, defaults to NULL

chart_facet_title_unit
: Scale with chart. Choices: rem, facet. Flourish type hint: string, defaults to NULL

chart_facet_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_facet_title_padding_top
: Space above. Flourish type hint: number, defaults to NULL

chart_facet_title_padding_bottom
: Space below. Flourish type hint: number, defaults to NULL

chart_facet_title_bg
: Background. Choices: none, full, text. Flourish type hint: string, defaults to NULL

chart_facet_title_bg_color
: Background color. Flourish type hint: color, defaults to NULL

chart_facet_title_bg_padding
: Background padding. Horizontal space between text and background. Flourish type hint: number, defaults to NULL

x_axis_matching
: Same across grid. Ensure the X scale is the same across the grid. Flourish type hint: boolean, defaults to NULL

x_axis_last_row_only
: Last row only. Only show the X axis on the last row, where possible. Ignored if the X axis is not positioned at the bottom. Flourish type hint: boolean, defaults to NULL

y_axis_matching
: Same across grid. Ensure the Y scale is the same across the grid. Flourish type hint: boolean, defaults to NULL

y_axis_first_col_only
: First column only. Only show the Y axis on the first column of the grid, where possible. Flourish type hint: boolean, defaults to NULL

y2_axis_matching
: Same across grid. Ensure the secondary Y scale is the same across the grid. Flourish type hint: boolean, defaults to NULL

y2_axis_last_col_only
: Last column only. Only show the secondary Y axis on the last column of the grid, where possible. Flourish type hint: boolean, defaults to NULL

series_filter_mode
: Series filter. Choices: none, single, multi. Filter control for series/columns. The user can also filter by clicking on the legend, except in single select mode. Use the animation settings panel to determine whether series animate when changing the filter. Flourish type hint: string, defaults to NULL

series_control_multi_text
: Placeholder text. Flourish type hint: string, defaults to NULL

series_control_multi_none_text
: No more results text. Flourish type hint: string, defaults to NULL

series_control_select_text
: Select text. Flourish type hint: string, defaults to NULL

max_series
: Max series to show. Limits the number of series/columns that will be visualized at once. Flourish type hint: number, defaults to NULL

series_control_background
: Background. Flourish type hint: color, defaults to NULL

series_control_text
: Text. Flourish type hint: color, defaults to NULL

series_control_border
: Border. Flourish type hint: color, defaults to NULL

series_control_pill_background
: Background. Flourish type hint: color, defaults to NULL

series_control_pill_text
: Text. Flourish type hint: color, defaults to NULL

series_control_pill_radius
: Border radius. Flourish type hint: number, defaults to NULL

series_control_single_all
: Include "All". Flourish type hint: boolean, defaults to NULL

series_control_single_all_text
: Name for "All". Flourish type hint: string, defaults to NULL

filter_rows_with_no_data
: Filter rows that have no data. This setting filters rows that have no data, this is useful in combination with filters and datasets that have a lot of empty cells. Flourish type hint: boolean, defaults to NULL

chart_series_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_series_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_series_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_series_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_series_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_series_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_series_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_series_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_series_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_series_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_series_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_series_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_series_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_series_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

row_filter_control_all
: Include "All". Flourish type hint: boolean, defaults to NULL

row_filter_control_all_text
: Name for "All". Flourish type hint: string, defaults to NULL

chart_row_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_row_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_row_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_row_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_row_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_row_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_row_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_row_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_row_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_row_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_row_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_row_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_row_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_row_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

log_control_y_visible
: Show log control for Y axis. Adds a tabbed control to allow users to switch between log and linear Y scales. Flourish type hint: boolean, defaults to NULL

chart_log_control_y_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_log_control_y_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_log_control_y_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_log_control_y_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_log_control_y_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_log_control_y_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_log_control_y_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_log_control_y_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_log_control_y_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_log_control_y_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_log_control_y_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_log_control_y_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_log_control_y_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_log_control_y_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

log_control_y_text_linear
: Linear text. Flourish type hint: string, defaults to NULL

log_control_y_text_log
: Log text. Flourish type hint: string, defaults to NULL

chart_controls_style_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
: Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_filter_controls_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
: Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

controls_position
: Control position. Choices: log_series_row, series_log_row, log_row_series, series_row_log, row_log_series, row_series_log. If you have two or more controls turned on for your chart, you can change the order the controls appear. Flourish type hint: string, defaults to NULL

color_mode
: Color mode. Choices: column, row. By column will set the colors by series. Each column listed in the value column binding in the datasheet will have a different color. By row will instead set the color depending on the datas label/time column binding. Flourish type hint: string, defaults to NULL

chart_color_scale_categorical_palette
: Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

line_width
: Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

line_opacity
: Opacity. Flourish type hint: number, defaults to NULL

line_stroke
: Outline. Add a stroke around your lines to enhance visibility when overlapping. Flourish type hint: boolean, defaults to NULL

line_curve
: Line curve. Choices: curve_linear, curve_monotone_x, curve_natural, curve_step, curve_step_before, curve_step_after. Flourish type hint: string, defaults to NULL

line_dash_items
: Dashed lines. Specify the series that you would like to display with a dashed line. Multiple dashed lines can be set using multiple lines. For example: Party 1 Party 2 Party 3. Flourish type hint: text, defaults to NULL

`line_dash_width`
: Dash width. Flourish type hint: number, defaults to `NULL`

`line_dash_space_width`
: Space width. Flourish type hint: number, defaults to `NULL`

`line_interpolate`
: Missing data points. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`shade_between_lines`
: Shade areas between lines. Shade the gap between any two lines on your chart. Flourish type hint: boolean, defaults to `NULL`

`shade_between_lines_config`
: Which lines to shade between. Specify each area as a pair of line names separated by `::`. For example: Series A :: Series B Series C :: Series D You can optionally add a specific color and opacity for each area, e.g. `Series A :: Series B :: red :: 0.1`. Flourish type hint: text, defaults to `NULL`

`shade_between_lines_color`
: Color. Flourish type hint: color, defaults to `NULL`

`shade_between_lines_opacity`
: Opacity. Flourish type hint: number, defaults to `NULL`

`area_opacity`
: Opacity. Flourish type hint: number, defaults to `NULL`

`dot_mode`
: Choices: auto, on, off. " Auto will automatically show dots on lines if fewer than 250 data points. Note: avoid showing dots for large datasets since it can lead to poor performance issues and poor-looking charts". Flourish type hint: string, defaults to `NULL`

`dot_opacity`
: Opacity. Flourish type hint: number, defaults to `NULL`

`dot_radius`
: Radius. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to `NULL`

`dot_radius_last`
: Final dot scale (%). Making the last point on a line larger can help emphasise the final value. This will usually be the dot furthest right on the axis. Flourish type hint: number, defaults to `NULL`

`dot_hollow`
: Hollow. Flourish type hint: boolean, defaults to `NULL`

`bar_height`
: Bar height. The approximate height of the bar, the exact height depends on padding and label style. Specified in rems Ignored if the chart is embedded at a fixed height. Flourish type hint: number, defaults to `NULL`

`column_opacity`
: Bar opacity. Flourish type hint: number, defaults to `NULL`

`uniform_column_width`
: Uniform column width. Flourish type hint: boolean, defaults to `NULL`

`uniform_bar_height`
: Uniform bar height. Flourish type hint: boolean, defaults to `NULL`

`column_padding_inner`
: Spacing (main). Space between bar stacks or groups, as a % of the width of a whole bar stack or group. Flourish type hint: number, defaults to `NULL`

column_padding_in_group
: Spacing (in group). Space between bars in groups, as a % of the width of a single bar in the group. Ignored if only a single series is selected. Flourish type hint: number, defaults to NULL

column_padding_stack
: Spacing (in stack). Space each bar in the stack, in tenths of a rem Flourish type hint: number, defaults to NULL

column_stroke
: Outline. Add a stroke around your columns or bars (same color as text). Flourish type hint: boolean, defaults to NULL

column_stroke_opacity
: Outline opacity. Flourish type hint: number, defaults to NULL

column_stroke_color
: Outline color. Flourish type hint: color, defaults to NULL

donut_inner_radius
: Doughnut hole (%). Flourish type hint: number, defaults to NULL

donut_corner_radius
: Corner curve (pixels). Flourish type hint: number, defaults to NULL

donut_pad_angle
: Segment padding (degrees). Flourish type hint: number, defaults to NULL

donut_auto_scale
: Scale pies based on data. Scale each pie chart in the grid so that the area of each pie/donut reflect its value. Flourish type hint: boolean, defaults to NULL

bar_labels_above
: Label style. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

bar_labels_color
: Color. Flourish type hint: color, defaults to NULL

bar_labels_font_size
: Size. When in Standard or Aspect ratio height mode, the font size of the labels will be limited to the space available. In remsFlourish type hint: number, defaults to NULL

bar_labels_weight
: Choices: 600, 400. Flourish type hint: string, defaults to NULL

line_end_labels
: Show labels on lines. Show series labels on the end of lines if theres enough space. Flourish type hint: boolean, defaults to NULL

chart_line_labels_max_width
: Max label width. The maximum allowed label width. Flourish type hint: number, defaults to NULL

chart_line_labels_overlap_mode
: Overlaps. Choices: spread, hide, none. What to do with overlaps. Flourish type hint: string, defaults to NULL

chart_line_labels_spreading_margin
: Space between labels. The space left between labels when spreading them out to avoid overlaps. Flourish type hint: number, defaults to NULL

chart_line_labels_data_point_margin
: Distance. The space between the data point and the label in rems (a multiple of base font size). Flourish type hint: number, defaults to NULL

chart_line_labels_show_only_labels
: Show only certain labels. Manually specify which labels youd like to display (one entry per line that should match headers from the Values columns). Flourish type hint: text, defaults to NULL

chart_line_labels_text_color
: Color. If cleared, uses the main text color from the Layout settings panel. Flourish type hint: color, defaults to NULL

chart_line_labels_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_line_labels_text_bg_color
: Outline. If cleared, uses the main background color from the Layout settings panel. Flourish type hint: color, defaults to NULL

chart_line_labels_text_bg_size
: Outline width. As a % of the font size. Flourish type hint: number, defaults to NULL

chart_line_labels_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_line_labels_text_max_lines
: Max lines. The max number of lines for each label. Flourish type hint: number, defaults to NULL

chart_line_labels_text_weight
: Weight. Choices: 400, 700. Flourish type hint: string, defaults to NULL

chart_line_labels_lines
: Connector lines. Choices: auto, on, off. Flourish type hint: string, defaults to NULL

chart_line_labels_line_style
: Line style. Choices: straight, step. Flourish type hint: string, defaults to NULL

chart_line_labels_line_color
: Color. If cleared, uses the main text color from the Layout settings panel. Flourish type hint: color, defaults to NULL

chart_line_labels_line_width
: Width. In rems (a multiple of base font size). Flourish type hint: number, defaults to NULL

chart_line_labels_line_range
: Length. The width of the space given over to lines; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

chart_line_labels_line_padding
: Padding. The padding to the left and right of the line; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

labels
: Show labels on data points. Flourish type hint: boolean, defaults to NULL

labels_hide_overlaps
: Hide overlapping labels. Flourish type hint: boolean, defaults to NULL

labels_dot_center
: Position labels on center of dot. Flourish type hint: boolean, defaults to NULL

labels_column_align
: Bar label alignment. Choices: bottom, middle, top, above. The final above option puts the labels above the bars in standard column charts. In stacked charts, where the space above the stack is reserved for stack total the labels falls back to top alignment. Flourish type hint: string, defaults to NULL

labels_column_padding
: Padding. Space above or below, as a proportion of the font size in rems Flourish type hint: number, defaults to NULL

labels_bar_align
: Label alignment. Choices: left, center, right, out. In stacked bar charts the final out (outside of bar) option falls back to right alignment, since the space after the stack is reserved for stack total labels (see below). Flourish type hint: string, defaults to NULL

labels_bar_autohide
: Hide if too big. Turn off to force labels to show, even if they will overflow the bars. Ignored when labels are not inside the bars. Flourish type hint: boolean, defaults to NULL

labels_color_mode
: Text color. Choices: auto, data, contrast, fixed. Contrast mode is black or white depending on the color of the data point (or the background color for labels positioned over the background). Flourish type hint: string, defaults to NULL

labels_fixed_color
: Color. Flourish type hint: color, defaults to NULL

labels_font_weight
: Weight. Choices: 600, 400. Flourish type hint: string, defaults to NULL

labels_font_size_mode
: Size. Choices: auto, fixed. Flourish type hint: string, defaults to NULL

labels_font_size
: Size. Flourish type hint: number, defaults to NULL

labels_bg_mode
: Outline. Choices: on, off. A text outline/background can make the text more readable by increasing contrast. Flourish type hint: string, defaults to NULL

labels_bg_size
: Size. Size of the background, as % of text size. Flourish type hint: number, defaults to NULL

labels_content
: Label content. Choices: auto, value, label, both. Flourish type hint: string, defaults to NULL

stack_labels
: Show labels for stack totals. Flourish type hint: boolean, defaults to NULL

stack_labels_color
: Color. Flourish type hint: color, defaults to NULL

stack_labels_font_size
: Size. Flourish type hint: number, defaults to NULL

stack_labels_weight
: Weight. Choices: 600, 400. Flourish type hint: string, defaults to NULL

chart_x_axis_axis_position
: Position. Choices: bottom, float-below, float-above, top, off. Flourish type hint: string, defaults to NULL

chart_x_axis_y_axis_position
: Y value. Vertical position of the x axis on the y scale. Flourish type hint: string, defaults to NULL

chart_x_axis_numeric_scale_type
: Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_x_axis_linear_min
: Min. Flourish type hint: number, defaults to NULL

chart_x_axis_linear_max
: Max. Flourish type hint: number, defaults to NULL

chart_x_axis_log_min
: Min. Flourish type hint: number, defaults to NULL

chart_x_axis_log_max
: Max. Flourish type hint: number, defaults to NULL

chart_x_axis_datetime_min
: Min (date). Use the input date format as specified in the datasheet. Flourish type hint: string, defaults to NULL

chart_x_axis_datetime_max
: Max (date). Use the input date format as specified in the datasheet. Flourish type hint: string, defaults to NULL

chart_x_axis_flip
: Flip axis. Flourish type hint: boolean, defaults to NULL

chart_x_axis_show_scale_settings
: Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_nice
: Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Overridden by any explicitly specified scale min and max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_zero_axis
: Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Overridden by any explicitly specified scale min and max. Flourish type hint: string, defaults to NULL

chart_x_axis_title_mode
: Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_x_axis_title
: Text. Flourish type hint: string, defaults to NULL

chart_x_axis_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_position
: Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. How the vertical space available for tick labels is determined. "Auto" means that the space is automatically determined. "Max" lets you specify the maximum vertical space tick labels may occupy. "Fixed" lets you specify a fixed amount of vertical space for tick labels. Tick labels will be truncated to fit within the allocated horizontal space. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_space
: Space. The space allocated for tick labels (relative to the root font size). Flourish type hint: number, defaults to NULL

chart_x_axis_tick_mode
: Mode. Choices: auto, number, custom. Determines how the tick values are chosen. "Auto" mode chooses the ticks automatically. "Number" mode lets you specify how many ticks are drawn. "Custom" mode lets you specify which ticks are drawn. If the axis is categorical, "Number" mode is ignored. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_x_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_x_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_side
: Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_x_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_x_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_x_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_x_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_x_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_category_dividers_extend
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_y_axis_axis_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_numeric_scale_type
: Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_y_axis_linear_min
: Min. Flourish type hint: number, defaults to NULL

chart_y_axis_linear_max
: Max. Flourish type hint: number, defaults to NULL

chart_y_axis_log_min
: Min. Flourish type hint: number, defaults to NULL

chart_y_axis_log_max
: Max. Flourish type hint: number, defaults to NULL

chart_y_axis_datetime_min
: Min (date). Use the same format as displayed in the axis. Flourish type hint: string, defaults to NULL

chart_y_axis_datetime_max
: Max (date). Use the same format as displayed in the axis. Flourish type hint: string, defaults to NULL

chart_y_axis_flip
: Flip axis. Flourish type hint: boolean, defaults to NULL

chart_y_axis_show_scale_settings
: Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_y_axis_nice
: Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Flourish type hint: boolean, defaults to NULL

chart_y_axis_zero_axis
: Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Flourish type hint: string, defaults to NULL

chart_y_axis_title_mode
: Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_y_axis_title
: Text. Flourish type hint: string, defaults to NULL

chart_y_axis_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_title_position
: Position. Choices: side, end. Flourish type hint: string, defaults to NULL

chart_y_axis_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_y_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_position
: Position. Choices: default, above, below. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. Sets how the horizontal space available for tick labels is determined. "Auto" means that the space is automatically determined. "Max" lets you specify the maximum horizontal space tick labels may occupy. "Fixed" lets you specify a fixed amount of horizontal space for tick labels. Tick labels will be truncated to fit within the allocated horizontal space. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_space
: Space. The space allocated for tick labels (relative to the root font size). Flourish type hint: number, defaults to NULL

chart_y_axis_tick_mode
: Mode. Choices: auto, number, custom. Determines how the tick values are chosen. "Auto" mode chooses the ticks automatically. "Number" mode lets you specify how many ticks are drawn. "Custom" mode lets you specify which ticks are drawn. If the axis is categorical, "Number" mode is ignored. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_y_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_y_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_side
: Side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_y_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_y_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_y_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_y_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_y_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Ignored for date and numeric axes. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridline_category_dividers_extend
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_secondary_y_axis_axis_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_secondary_y_axis_numeric_scale_type
: Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_linear_min
: Min. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_linear_max
: Max. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_log_min
: Min. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_log_max
: Max. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_datetime_min
: Min (date). Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_datetime_max
: Max (date). Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_flip
: Flip axis. Flourish type hint: boolean, defaults to NULL

chart_secondary_y_axis_show_scale_settings
: Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_secondary_y_axis_nice
: Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Flourish type hint: boolean, defaults to NULL

chart_secondary_y_axis_zero_axis
: Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_title_mode
: Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_title
: Text. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_secondary_y_axis_title_position
: Position. Choices: side, end. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_secondary_y_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_tick_label_position
: Position. Choices: default, above, below. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_secondary_y_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_secondary_y_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. Sets how the horizontal space available for tick labels is determined. "Auto" means that the space is automatically determined. "Max" lets you specify the maximum horizontal space tick labels may occupy. "Fixed" lets you specify a fixed amount of horizontal space for tick labels. Tick labels will be truncated to fit within the allocated horizontal space. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_tick_label_space
: Space. The space allocated for tick labels (relative to the root font size). Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_tick_mode
: Mode. Choices: auto, number, custom. Determines how the tick values are chosen. "Auto" mode chooses the ticks automatically. "Number" mode lets you specify how many ticks are drawn. "Custom" mode lets you specify which ticks are drawn. If the axis is categorical, "Number" mode is ignored. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_secondary_y_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_secondary_y_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_tick_side
: Side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_secondary_y_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_secondary_y_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_secondary_y_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_secondary_y_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Ignored for date and numeric axes. Flourish type hint: boolean, defaults to NULL

`chart_secondary_y_axis_gridline_category_dividers_extend`
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to `NULL`

`chart_background_background_color_enabled`
: Color. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_background_background_image_enabled`
: Image. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_background_background_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_background_background_image_src`
: Image URL. Flourish type hint: url, defaults to `NULL`

`chart_background_background_image_size`
: Size. Choices: stretch, slice, meet. Flourish type hint: string, defaults to `NULL`

`chart_background_background_image_position`
: Position. Choices: x_min_y_min, x_mid_y_min, x_max_y_min, x_max_y_mid, x_mid_y_mid, x_min_y_max, x_mid_y_max, x_max_y_max. Flourish type hint: string, defaults to `NULL`

`number_format_labels_prefix`
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to `NULL`

`number_format_labels_suffix`
: Suffix. Text to place after a number. Flourish type hint: string, defaults to `NULL`

`number_format_labels_n_dec`
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to `NULL`

`number_format_labels_advanced`
: Advanced. Flourish type hint: boolean, defaults to `NULL`

`number_format_labels_negative_sign`
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to `NULL`

`number_format_labels_strip_zeros`
: Remove trailing zeros. Flourish type hint: boolean, defaults to `NULL`

`number_format_labels_strip_separator`
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to `NULL`

`number_format_labels_transform_labels`
: Multiply/divide values. Flourish type hint: boolean, defaults to `NULL`

`number_format_labels_transform`
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to `NULL`

`number_format_labels_multiply_divide_constant`
: Flourish type hint: number, defaults to `NULL`

`number_format_labels_exponentiate_constant`
: Flourish type hint: number, defaults to `NULL`

chart_number_date_format_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

number_format_prop
: Show % values. Toggles between showing the raw values from the datasheet and the computed percent values for the row in popups/panels. Flourish type hint: boolean, defaults to NULL

chart_secondary_number_date_format_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_secondary_number_date_format_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_secondary_number_date_format_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_secondary_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_secondary_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_secondary_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_secondary_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_secondary_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_secondary_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_secondary_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_secondary_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

legend_mode
: Legend mode. Choices: auto, on, off. Auto mode hides the legend in certain situations, such as when each color is already explained by the chart titles in a grid of charts A legend will not show with a single entry. Flourish type hint: string, defaults to NULL

legend_filter_mode
: Click legend to filter data. Choices: none, filter-in, filter-out. Single select : When clicked only shows the series selected Multi select : When clicked, hides series selected. Multiple series can be hidden Filterable legends are ignored in certain situations, such as when shading by series and using a series filter Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

legend_position
: Legend position. Choices: above, below. Flourish type hint: string, defaults to NULL

text_legend
: Add data colors to header text. Choices: auto, custom, off. When selected, this will change the color of any text in your header which matches the name of a series in your data. This feature can be used instead of a legend when there are a small number of series, or it can be used to highlight a particular series. Note using optional HTML in the header is disabled if using this feature. Flourish type hint: string, defaults to NULL

text_legend_title
: Title. Flourish type hint: boolean, defaults to NULL

text_legend_subtitle
: Subtitle. Flourish type hint: boolean, defaults to NULL

text_legend_bold
: Bold. If checked, always use bold for colored items. Flourish type hint: boolean, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. Use {{VALUE}} to include the numerical value of the current data point, or {{SERIES}} to display its series name. For any other selected columns use {{column_name}}. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{#if column_name}} Text to display when column_name is not empty {
For example, {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}
Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{VALUE}} to include the numerical value of the current data point, or {{SERIES}} to display its series name. For any other selected columns use {{column_name}}. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{#if column_name}} Text to display when column_name is not emp
For example, {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}
Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI
If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{VALUE}} to include the numerical value of the current data point, or {{SERIES}} to display its series name. For any other selected columns use {{column_name}}. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{#if column_name}} Text to display when column_name is not empty {{
  For example, {{Country}}{{#if Capital}}(Capital: {{Capital}}){{/if}}
  Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{VALUE}} to include the numerical value of the current data point, or {{SERIES}} to display its series name. For any other selected columns use {{column_name}}. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{#if column_name}} Text to display when column_name is not emp
  For example, {{Country}}{{#if Capital}}(Capital: {{Capital}}){{/if}}
  Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

popup_color_headers
: Color headers to match data. Flourish type hint: boolean, defaults to NULL

show_series_text
: Set series info in popups. Allows you to add information about each series/column (e.g. each line) to the popups. Note: This is incompatible with custom popup content. Flourish type hint: boolean, defaults to NULL

popup_series_text
: Popup content for series. Adds content to the popup about the series. Separate column name and text with a double colon. For example: Series 1 :: Comment about Series 1 Series 2 :: Comment about series 2. Flourish type hint: text, defaults to NULL

chart_axes_highlights_placement
: Placement of axis highlights. Choices: above, below. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_enabled
: Show highlights on the x axis. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_lines
: One per line, in format "My label :: 2012". One per line, using the format : My label :: 2012 For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart. Use the format: `My label :: 2012 :: line_color / text_color :: facet_name`. For example, `My label :: 2012 :: #eb0000 / #0084bd :: Category 1`. If you want to add an annotation to just one specific chart but do not want to color the line/text, you can leave that part blank. For example: My label :: 2012 :: :: Category 1 Flourish type hint: text, defaults to NULL

chart_axes_highlights_x_line_color
: Line color. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_line_width
: Line width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_line_dash
: Dash. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_areas
: One per line, in format "My label :: 2013 » 2015". One per line, using the format : My label :: date » date For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: area_color / text_color :: facet_name For example, `My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1`. Flourish type hint: text, defaults to NULL

chart_axes_highlights_x_area_color
: Area. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_area_opacity
: Area opacity. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_area_texture
: Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_vertical
: Vertical. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_label_y_position
: Y position. Choices: bottom, middle, top. Vertically position the label at the top, bottom or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_x_position
: X position. Choices: left, middle, right. Horizontally position the label on the left, the right or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_font_size
: Font size. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_font_weight
: Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_color
: Text. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_shadow_color
: Shadow. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_shadow_enabled
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_y_enabled
: Show highlights on the y axis. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_y_lines
: One per line, in format "My label :: 5000". One per line, using the format : My label :: 2012 For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: `My label :: 2012 :: line_color / text_color :: facet_name`. For example: `My label :: 2012 :: #eb0000 / #0084bd :: Category 1`. If you want to add an annotation to just one specific chart but do not want to color the line/text, you can leave that part blank. For example: My label :: 2012 :: :: Category 1 Flourish type hint: text, defaults to NULL

chart_axes_highlights_y_line_color
: Line color. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_line_width
: line width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_line_dash
: Dash. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_areas
: One per line, in format "My label :: 2000 » 8000". One per line, using the format : My label :: date » date For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: area_color / text_color :: facet_name For example: `My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1`. Flourish type hint: text, defaults to NULL

chart_axes_highlights_y_area_color
: Area. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_area_opacity
: Area opacity. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_area_texture
: Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_x_position
: X position. Choices: left, middle, right. Horizontally position label on the left, the middle or the right end of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_y_position
: Y position. Choices: above, middle, below. Vertically position the label above, below or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_size
: Font size. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_weight
: Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_color
: Text. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_color
: Shadow. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_enabled
: Shadow. Flourish type hint: boolean, defaults to NULL

annotations_styles
: Show styling options. Flourish type hint: boolean, defaults to NULL

chart_annotations_defaults_text_weight
: Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_text_size
: Text size. Flourish type hint: number, defaults to NULL

chart_annotations_defaults_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_label_width
: Max width. Flourish type hint: number, defaults to NULL

chart_annotations_defaults_text_background_mode
: Text background. Choices: none, outline, background. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_text_bg
: Outline. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_label_bg
: Background. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_text_alignment
: Alignment. Choices: auto, start, center, end. Flourish type hint: string, defaults to NULL

`chart_annotations_defaults_popup_position`
: Popup position. Choices: center, left, right, top, bottom. Flourish type hint: string, defaults to `NULL`

`chart_annotations_defaults_line_marker`
: Marker. Choices: none, arrowhead_open, arrowhead. Flourish type hint: string, defaults to `NULL`

`chart_annotations_defaults_stroke_width`
: Width. Flourish type hint: number, defaults to `NULL`

`chart_annotations_defaults_stroke_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_annotations_defaults_connector_extend_line`
: Extend line. Choices: enabled, disabled. Flourish type hint: string, defaults to `NULL`

`data_trans_duration`
: Animation duration. The duration of transitions in milliseconds, for example between two slides in a story. Flourish type hint: number, defaults to `NULL`

`animate_on_load`
: Animate on load. Flourish type hint: boolean, defaults to `NULL`

`data_trans_bind_series`
: Only animate series with same name. Determines how animations work when the data changes (e.g. between slides in a story). When this is on, series (e.g. lines) will attempt to animate to become another line only if they have the same name (i.e. the same column header). Flourish type hint: boolean, defaults to `NULL`

`data_trans_bind_data_points`
: Only animate points with same label. Determines how animations work when the data changes (e.g. between slides in a story). When this is on, data points (e.g. dots or bars) will attempt to animate to become other data points if they have the same label (e.g. date or category). Flourish type hint: boolean, defaults to `NULL`

`chart_layout_body_font`
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to `NULL`

`chart_layout_font_color`
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to `NULL`

`chart_layout_background_color_enabled`
: Color. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_background_image_enabled`
: Image. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_background_color`
: Background color. Flourish type hint: color, defaults to `NULL`

`chart_layout_background_image_src`
: Image URL. Flourish type hint: url, defaults to `NULL`

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add

{{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher

than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

chart_url_settings_enabled
: Update project from URL. Make it possible to change the visualizations settings/state from the URL hash, for example when embedding in an iframe or popup panel. Flourish type hint: boolean, defaults to NULL

chart_url_settings_whitelist
: Allowed state properties. List each state property you want to make changeable with the URL hash See the template page for a full list of state properties. Add one property name per line. Use dot format for nested properties, e.g. `layout.background_color`. Flourish type hint: text, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "line", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_line_bar_pie_data(gapminder) |>
  set_line_bar_pie_details()
)
```

---

set_marimekko_details *Set marimekko chart details*

Description

Set marimekko chart details

Usage

```
set_marimekko_details(
  .,
  sort_by = NULL,
  sort_direction = NULL,
  orientation = NULL,
```

```
  height_mode = NULL,
  facet_aspect = NULL,
  facet_aspect_mobile = NULL,
  facet_aspect_breakpoint = NULL,
  stack_padding_stacked = NULL,
  stack_padding_unstacked = NULL,
  color_mode = NULL,
  stack_fade = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  enable_labels = NULL,
  label_position = NULL,
  chart_labels_max_width = NULL,
  chart_labels_overlap_mode = NULL,
  chart_labels_spreading_margin = NULL,
  chart_labels_data_point_margin = NULL,
  chart_labels_show_only_labels = NULL,
  chart_labels_text_color = NULL,
  chart_labels_text_size = NULL,
  chart_labels_text_bg_color = NULL,
  chart_labels_text_bg_size = NULL,
  chart_labels_text_line_height = NULL,
  chart_labels_text_max_lines = NULL,
  chart_labels_text_weight = NULL,
```

```
chart_labels_lines = NULL,
chart_labels_line_style = NULL,
chart_labels_line_color = NULL,
chart_labels_line_width = NULL,
chart_labels_line_range = NULL,
chart_labels_line_padding = NULL,
chart_facet_columns_fixed = NULL,
chart_facet_columns = NULL,
chart_facet_min_width = NULL,
chart_facet_min_width_fixed = NULL,
chart_facet_custom_grid = NULL,
chart_facet_custom_positions = NULL,
chart_facet_max_width = NULL,
chart_facet_gutter_w = NULL,
chart_facet_gutter_h = NULL,
chart_facet_animation = NULL,
chart_facet_titles = NULL,
chart_facet_title_align = NULL,
chart_facet_title_size = NULL,
chart_facet_title_unit = NULL,
chart_facet_title_color = NULL,
chart_facet_title_padding_top = NULL,
chart_facet_title_padding_bottom = NULL,
chart_facet_title_bg = NULL,
chart_facet_title_bg_color = NULL,
chart_facet_title_bg_padding = NULL,
x_as_percentage = NULL,
matching_x_axis = NULL,
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chart_x_axis_y_axis_position = NULL,
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chart_x_axis_linear_min = NULL,
chart_x_axis_linear_max = NULL,
chart_x_axis_log_min = NULL,
chart_x_axis_log_max = NULL,
chart_x_axis_datetime_min = NULL,
chart_x_axis_datetime_max = NULL,
chart_x_axis_flip = NULL,
chart_x_axis_show_scale_settings = NULL,
chart_x_axis_nice = NULL,
chart_x_axis_zero_axis = NULL,
chart_x_axis_title_mode = NULL,
chart_x_axis_title = NULL,
chart_x_axis_title_styling = NULL,
chart_x_axis_title_weight = NULL,
chart_x_axis_title_color = NULL,
chart_x_axis_title_size = NULL,
chart_x_axis_title_padding = NULL,
```

```
  chart_x_axis_tick_label_position = NULL,
  chart_x_axis_tick_label_styling = NULL,
  chart_x_axis_tick_label_size = NULL,
  chart_x_axis_tick_label_color = NULL,
  chart_x_axis_tick_padding = NULL,
  chart_x_axis_tick_label_angle = NULL,
  chart_x_axis_tick_label_weight = NULL,
  chart_x_axis_tick_label_max_lines = NULL,
  chart_x_axis_tick_label_line_height = NULL,
  chart_x_axis_tick_label_space_mode = NULL,
  chart_x_axis_tick_label_space = NULL,
  chart_x_axis_tick_mode = NULL,
  chart_x_axis_tick_number = NULL,
  chart_x_axis_tick_custom = NULL,
  chart_x_axis_line_and_tick_color = NULL,
  chart_x_axis_line_and_tick_width = NULL,
  chart_x_axis_tick_length = NULL,
  chart_x_axis_tick_side = NULL,
  chart_x_axis_line_visible = NULL,
  chart_x_axis_edge_padding = NULL,
  chart_x_axis_gridlines_visible = NULL,
  chart_x_axis_gridlines_styling = NULL,
  chart_x_axis_gridline_color = NULL,
  chart_x_axis_gridline_style = NULL,
  chart_x_axis_gridline_width = NULL,
  chart_x_axis_gridline_category_dividers = NULL,
  chart_x_axis_gridline_category_dividers_extend = NULL,
  chart_x_axis_number_date_format_prefix = NULL,
  chart_x_axis_number_date_format_suffix = NULL,
  chart_x_axis_number_date_format_n_dec = NULL,
  chart_x_axis_number_date_format_advanced = NULL,
  chart_x_axis_number_date_format_negative_sign = NULL,
  chart_x_axis_number_date_format_strip_zeros = NULL,
  chart_x_axis_number_date_format_strip_separator = NULL,
  chart_x_axis_number_date_format_transform_labels = NULL,
  chart_x_axis_number_date_format_transform = NULL,
  chart_x_axis_number_date_format_multiply_divide_constant = NULL,
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  chart_y_axis_linear_max = NULL,
  chart_y_axis_log_min = NULL,
  chart_y_axis_log_max = NULL,
  chart_y_axis_datetime_min = NULL,
  chart_y_axis_datetime_max = NULL,
```

```
  chart_y_axis_flip = NULL,
  chart_y_axis_show_scale_settings = NULL,
  chart_y_axis_nice = NULL,
  chart_y_axis_zero_axis = NULL,
  chart_y_axis_title_mode = NULL,
  chart_y_axis_title = NULL,
  chart_y_axis_title_styling = NULL,
  chart_y_axis_title_position = NULL,
  chart_y_axis_title_weight = NULL,
  chart_y_axis_title_color = NULL,
  chart_y_axis_title_size = NULL,
  chart_y_axis_title_padding = NULL,
  chart_y_axis_tick_label_position = NULL,
  chart_y_axis_tick_label_styling = NULL,
  chart_y_axis_tick_label_size = NULL,
  chart_y_axis_tick_label_color = NULL,
  chart_y_axis_tick_padding = NULL,
  chart_y_axis_tick_label_angle = NULL,
  chart_y_axis_tick_label_weight = NULL,
  chart_y_axis_tick_label_max_lines = NULL,
  chart_y_axis_tick_label_line_height = NULL,
  chart_y_axis_tick_label_space_mode = NULL,
  chart_y_axis_tick_label_space = NULL,
  chart_y_axis_tick_mode = NULL,
  chart_y_axis_tick_number = NULL,
  chart_y_axis_tick_custom = NULL,
  chart_y_axis_line_and_tick_color = NULL,
  chart_y_axis_line_and_tick_width = NULL,
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  chart_y_axis_tick_side = NULL,
  chart_y_axis_line_visible = NULL,
  chart_y_axis_edge_padding = NULL,
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  chart_y_axis_gridline_category_dividers_extend = NULL,
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  chart_y_axis_number_date_format_suffix = NULL,
  chart_y_axis_number_date_format_n_dec = NULL,
  chart_y_axis_number_date_format_advanced = NULL,
  chart_y_axis_number_date_format_negative_sign = NULL,
  chart_y_axis_number_date_format_strip_zeros = NULL,
  chart_y_axis_number_date_format_strip_separator = NULL,
  chart_y_axis_number_date_format_transform_labels = NULL,
  chart_y_axis_number_date_format_transform = NULL,
```

```
  chart_y_axis_number_date_format_multiply_divide_constant = NULL,
  chart_y_axis_number_date_format_exponentiate_constant = NULL,
  chart_filter_controls_control_type = NULL,
  chart_filter_controls_control_styles = NULL,
  chart_filter_controls_control_title = NULL,
  chart_filter_controls_button_group = NULL,
  chart_filter_controls_button_group_width_mode = NULL,
  chart_filter_controls_button_group_width_fixed = NULL,
  chart_filter_controls_dropdown_width_mode = NULL,
  chart_filter_controls_dropdown_width_fixed = NULL,
  chart_filter_controls_slider_width = NULL,
  chart_filter_controls_slider_max_label_width = NULL,
  chart_filter_controls_slider_step_time = NULL,
  chart_filter_controls_slider_loop = NULL,
  chart_filter_controls_slider_restart_pause = NULL,
  chart_filter_controls_sort = NULL,
  filter_show_all = NULL,
  filter_show_all_text = NULL,
  chart_filter_controls_container_alignment = NULL,
  chart_filter_controls_container_controls_spacing = NULL,
  chart_controls_style_font_size = NULL,
  chart_controls_style_font_weight = NULL,
  chart_controls_style_height = NULL,
  chart_dropdown_control_style_background = NULL,
  chart_dropdown_control_style_font_color = NULL,
  chart_dropdown_control_style_border_styles_advanced = NULL,
  chart_dropdown_control_style_border_style = NULL,
  chart_dropdown_control_style_border_width = NULL,
  chart_dropdown_control_style_border_color = NULL,
  chart_dropdown_control_style_border_transparency = NULL,
  chart_dropdown_control_style_border_radius = NULL,
  chart_button_control_style_background = NULL,
  chart_button_control_style_background_selected = NULL,
  chart_button_control_style_background_hover = NULL,
  chart_button_control_style_font_color = NULL,
  chart_button_control_style_font_color_selected = NULL,
  chart_button_control_style_font_color_hover = NULL,
  chart_button_control_style_button_styles_advanced = NULL,
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  chart_button_control_style_border_color = NULL,
  chart_button_control_style_border_transparency = NULL,
  chart_button_control_style_border_radius = NULL,
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  chart_categorical_legend_title_mode = NULL,
  chart_categorical_legend_title = NULL,
  chart_categorical_legend_swatch_width = NULL,
  chart_categorical_legend_swatch_height = NULL,
  chart_categorical_legend_swatch_radius = NULL,
```

```
  chart_categorical_legend_legend_items_padding = NULL,
  chart_categorical_legend_swatch_outline = NULL,
  chart_categorical_legend_swatch_outline_color = NULL,
  chart_categorical_legend_order_override = NULL,
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  chart_categorical_legend_icon_color = NULL,
  chart_categorical_legend_max_width = NULL,
  chart_categorical_legend_orientation = NULL,
  chart_legend_container_alignment = NULL,
  chart_legend_container_orientation = NULL,
  chart_legend_container_title_weight = NULL,
  chart_legend_container_text_weight = NULL,
  chart_legend_container_text_color = NULL,
  chart_legend_container_text_size = NULL,
  chart_popup_mode = NULL,
  chart_popup_popup_is_custom = NULL,
  chart_popup_show_popup_styles = NULL,
  chart_popup_popup_custom_header = NULL,
  chart_popup_popup_custom_main = NULL,
  chart_popup_popup_custom_accessible = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
  chart_popup_popup_text_color = NULL,
  chart_popup_popup_align = NULL,
  chart_popup_popup_background = NULL,
  chart_popup_popup_background_opacity = NULL,
  chart_popup_popup_padding = NULL,
  chart_popup_popup_radius = NULL,
  chart_popup_popup_header_type = NULL,
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  chart_popup_popup_header_text_color = NULL,
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  chart_popup_popup_list_label_weight = NULL,
  chart_popup_popup_list_separator = NULL,
  chart_popup_popup_shadow = NULL,
  chart_popup_popup_pointer = NULL,
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  chart_popup_panel_open_duration = NULL,
  chart_popup_panel_side_fixed = NULL,
  chart_popup_panel_side_default_content = NULL,
  chart_popup_panel_is_custom = NULL,
  chart_popup_show_panel_styles = NULL,
  chart_popup_panel_custom_header = NULL,
  chart_popup_panel_custom_main = NULL,
  chart_popup_panel_width_overlay = NULL,
  chart_popup_panel_height_overlay = NULL,
  chart_popup_panel_width_side = NULL,
  chart_popup_panel_height_side = NULL,
```

```
  chart_popup_panel_max_width = NULL,
  chart_popup_panel_max_height = NULL,
  chart_popup_panel_vertical_position = NULL,
  chart_popup_panel_text_color = NULL,
  chart_popup_panel_font_size = NULL,
  chart_popup_panel_align = NULL,
  chart_popup_panel_background = NULL,
  chart_popup_panel_background_opacity = NULL,
  chart_popup_panel_padding = NULL,
  chart_popup_panel_radius = NULL,
  chart_popup_panel_list_type = NULL,
  chart_popup_panel_list_label_weight = NULL,
  chart_popup_panel_list_separator = NULL,
  chart_popup_panel_shadow = NULL,
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  chart_axes_highlights_x_lines = NULL,
  chart_axes_highlights_x_line_color = NULL,
  chart_axes_highlights_x_line_width = NULL,
  chart_axes_highlights_x_line_dash = NULL,
  chart_axes_highlights_x_areas = NULL,
  chart_axes_highlights_x_area_color = NULL,
  chart_axes_highlights_x_area_opacity = NULL,
  chart_axes_highlights_x_area_texture = NULL,
  chart_axes_highlights_x_label_vertical = NULL,
  chart_axes_highlights_x_label_y_position = NULL,
  chart_axes_highlights_x_label_x_position = NULL,
  chart_axes_highlights_x_label_max_width = NULL,
  chart_axes_highlights_x_font_size = NULL,
  chart_axes_highlights_x_font_weight = NULL,
  chart_axes_highlights_x_label_color = NULL,
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  chart_axes_highlights_y_line_color = NULL,
  chart_axes_highlights_y_line_width = NULL,
  chart_axes_highlights_y_line_dash = NULL,
  chart_axes_highlights_y_areas = NULL,
  chart_axes_highlights_y_area_color = NULL,
  chart_axes_highlights_y_area_opacity = NULL,
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  chart_axes_highlights_y_label_y_position = NULL,
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  chart_axes_highlights_y_font_size = NULL,
  chart_axes_highlights_y_font_weight = NULL,
  chart_axes_highlights_y_label_color = NULL,
  chart_axes_highlights_y_shadow_color = NULL,
```

```
chart_axes_highlights_y_shadow_enabled = NULL,
axes_highlights_stack_order = NULL,
annotations_styles = NULL,
chart_annotations_defaults_text_weight = NULL,
chart_annotations_defaults_text_size = NULL,
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chart_annotations_defaults_text_bg = NULL,
chart_annotations_defaults_label_bg = NULL,
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chart_background_background_image_src = NULL,
chart_background_background_image_size = NULL,
chart_background_background_image_position = NULL,
chart_layout_body_font = NULL,
chart_layout_font_color = NULL,
chart_layout_background_color_enabled = NULL,
chart_layout_background_image_enabled = NULL,
chart_layout_background_color = NULL,
chart_layout_background_image_src = NULL,
chart_layout_background_image_size = NULL,
chart_layout_background_image_position = NULL,
chart_layout_max_width_target = NULL,
chart_layout_max_width = NULL,
chart_layout_max_width_align = NULL,
chart_layout_layout_order = NULL,
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chart_layout_space_between_sections_custom = NULL,
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chart_layout_margin_bottom = NULL,
chart_layout_margin_left = NULL,
chart_layout_border_enabled = NULL,
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chart_layout_border_top_style = NULL,
chart_layout_border_top_color = NULL,
chart_layout_border_right_width = NULL,
chart_layout_border_right_style = NULL,
chart_layout_border_right_color = NULL,
```

```
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
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  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
```

```
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
```

```
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
sort_by	Sort by. Choices: none, unstacked, stacked. Whether your chart is sorted by the primary (unstacked) or the secondary (stacked) metric. Flourish type hint: string, defaults to NULL
sort_direction	Sort direction. Choices: desc, asc. Flourish type hint: string, defaults to NULL
orientation	Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL
height_mode	Height mode. Choices: auto, aspect_ratio. How the graphics height is determined. Auto uses the default Flourish responsive sizing. In Aspect ratio mode, you set the aspect ratio of the plot, and the container will be updated to accommodate it (not supported when embedded in a simple fixed-height iframe). Flourish type hint: string, defaults to NULL
facet_aspect	Aspect (desktop). Aspect ratio of each chart in desktop mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
facet_aspect_mobile	Aspect (mobile). Aspect ratio of each chart in mobile mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
facet_aspect_breakpoint	Breakpoint. The width at which mobile mode ends and desktop begins (in px). Flourish type hint: number, defaults to NULL
stack_padding_stacked	Space between stacked values. The space between stacked values (in rems). Flourish type hint: number, defaults to NULL
stack_padding_unstacked	Space between stacks. The space between stacks (in rems). Flourish type hint: number, defaults to NULL
color_mode	Color mode. Choices: stack, bar. In order to color by stack, you need to have at least two columns bound to the Secondary metric Flourish type hint: string, defaults to NULL
stack_fade	Stack fade. How quickly the stacks fade. (Use 1 for no fade). Flourish type hint: number, defaults to NULL
chart_color_scale_categorical_palette	Palette. Flourish type hint: colors, defaults to NULL
chart_color_scale_categorical_extend	Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

enable_labels
: Show labels. Choices: auto, on, off. Auto turns labels off if there are more than 50. Flourish type hint: string, defaults to NULL

label_position
: Label position. Choices: edge_of_chart, edge_of_bar. This alters the position of the label from being at the edge of the chart to the edge of the bars. Note these two positions will only be different when the secondary measure is not being treated as a percentage. Flourish type hint: string, defaults to NULL

chart_labels_max_width
: Max label width. The maximum allowed label width. Flourish type hint: number, defaults to NULL

chart_labels_overlap_mode
: Overlaps. Choices: spread, hide, none. What to do with overlaps. Flourish type hint: string, defaults to NULL

chart_labels_spreading_margin
: Space between labels. The space left between labels when spreading them out to avoid overlaps. Flourish type hint: number, defaults to NULL

chart_labels_data_point_margin
: Distance. The space between the data point and the label in rems (a multiple of base font size). Flourish type hint: number, defaults to NULL

chart_labels_show_only_labels
: Show only certain labels. Manually specify which labels youd like to display (one entry per line). Flourish type hint: text, defaults to NULL

chart_labels_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_labels_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_labels_text_bg_color
: Outline. Flourish type hint: color, defaults to NULL

chart_labels_text_bg_size
: Outline width. As a % of the font size. Flourish type hint: number, defaults to NULL

chart_labels_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_labels_text_max_lines
: Max lines. The max number of lines for each label. Flourish type hint: number, defaults to NULL

chart_labels_text_weight
: Weight. Choices: 400, 700. Flourish type hint: string, defaults to NULL

chart_labels_lines
: Connector lines. Choices: auto, on, off. Flourish type hint: string, defaults to NULL

chart_labels_line_style
: Line style. Choices: straight, step. Flourish type hint: string, defaults to NULL

chart_labels_line_color
: Color. Flourish type hint: color, defaults to NULL

chart_labels_line_width
: Width. In rems (a multiple of base font size). Flourish type hint: number, defaults to NULL

chart_labels_line_range
: Length. The width of the space given over to lines; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

chart_labels_line_padding
: Padding. The padding to the left and right of the line; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

chart_facet_columns_fixed
: Grid mode. Choices: FALSE, TRUE. In Auto mode, the number of columns will change with screen size. Flourish type hint: boolean, defaults to NULL

chart_facet_columns
: Columns. The number of columns in the grid. (If specifying custom positions, extra columns may be added automatically.). Flourish type hint: number, defaults to NULL

chart_facet_min_width
: Min chart width. The minimum width of a chart or cell in the grid. Determines the number of columns. Flourish type hint: number, defaults to NULL

chart_facet_min_width_fixed
: Min chart width. Specify the minimum width of a chart or cell in the grid, below which the Fixed grid will be ignored and it will fall back to responsive Auto mode. Flourish type hint: number, defaults to NULL

chart_facet_custom_grid
: Add custom positions. Specify positions for individual charts in the grid useful for making a map layout. Flourish type hint: boolean, defaults to NULL

chart_facet_custom_positions
: Custom positions. Enter the name of a facet, one per line, using the format: Facet name: row, column where row and column are numbers indicating the grid position where a facet should be positioned. For example, Alaska : 1, 1 Maine : 1, 11 Wisconsin : 2, 6 Flourish type hint: text, defaults to NULL

chart_facet_max_width
: Max chart width. The maximum width of a chart or cell in the grid. Flourish type hint: number, defaults to NULL

chart_facet_gutter_w
: Horizontal margin. Flourish type hint: number, defaults to NULL

chart_facet_gutter_h
: Vertical margin. Flourish type hint: number, defaults to NULL

chart_facet_animation
: On data change. Choices: auto, name, reuse. If a chart in the grid is removed, that cell can either be animated out (with another cell moving to take its place) or reused for the new data in that cell. Auto decides for you based on the data. Flourish type hint: string, defaults to NULL

chart_facet_titles
: Show titles. Flourish type hint: boolean, defaults to NULL

chart_facet_title_align
: Alignment. Choices: auto, left, center, right. Flourish type hint: string, defaults to NULL

chart_facet_title_size
: Size. Relative to the width of the chart. Flourish type hint: number, defaults to NULL

chart_facet_title_unit
: Scale with chart. Choices: rem, facet. Flourish type hint: string, defaults to NULL

chart_facet_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_facet_title_padding_top
: Space above. Flourish type hint: number, defaults to NULL

chart_facet_title_padding_bottom
: Space below. Flourish type hint: number, defaults to NULL

chart_facet_title_bg
: Background. Choices: none, full, text. Flourish type hint: string, defaults to NULL

chart_facet_title_bg_color
: Background color. Flourish type hint: color, defaults to NULL

chart_facet_title_bg_padding
: Background padding. Horizontal space between text and background. Flourish type hint: number, defaults to NULL

x_as_percentage
: Treat as percentage. Displays values summed to 100%. This is useful for comparing proportional contributions across all categories. Flourish type hint: boolean, defaults to NULL

matching_x_axis
: Match x axes accross facets. Flourish type hint: boolean, defaults to NULL

chart_x_axis_axis_position
: Choices: bottom, off. Flourish type hint: string, defaults to NULL

chart_x_axis_y_axis_position
: Y value. Vertical position of the X axis on the Y scale. Flourish type hint: string, defaults to NULL

chart_x_axis_numeric_scale_type
: Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_x_axis_linear_min
: Min. Flourish type hint: number, defaults to NULL

chart_x_axis_linear_max
: Max. Flourish type hint: number, defaults to NULL

chart_x_axis_log_min
: Min. Flourish type hint: number, defaults to NULL

chart_x_axis_log_max
: Max. Flourish type hint: number, defaults to NULL

chart_x_axis_datetime_min
: Min (date). Flourish type hint: string, defaults to NULL

chart_x_axis_datetime_max
: Max (date). Flourish type hint: string, defaults to NULL

chart_x_axis_flip
: Flip axis. Flourish type hint: boolean, defaults to NULL

chart_x_axis_show_scale_settings
: Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_nice
: Round min/max. Choices: TRUE, FALSE. Enabling this option rounds the X axis start and end values to tidy numbers, such as 0, 50, 100 or whole years. Specified min and max values will override this feature. Flourish type hint: boolean, defaults to NULL

chart_x_axis_zero_axis
: Include zero. Choices: auto, on, off. Enable to extend the axis to include zero, even when data is all positive or all negative. This is ignored if you set specific min and max scale values. Flourish type hint: string, defaults to NULL

chart_x_axis_title_mode
: Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_x_axis_title
: Text. Flourish type hint: string, defaults to NULL

chart_x_axis_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_position
: Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_space
: Space. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_mode
: Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_x_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_x_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_side
: Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_x_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_x_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_x_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_x_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_x_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_category_dividers_extend
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_x_axis_number_date_format_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_x_axis_number_date_format_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_x_axis_number_date_format_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_x_axis_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_x_axis_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_x_axis_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_x_axis_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_x_axis_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_x_axis_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_x_axis_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_x_axis_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

y_as_percentage
: Treat as percentage. Displays values summed to 100%. This is useful for comparing proportional contributions across all categories. Flourish type hint: boolean, defaults to NULL

matching_y_axis
: Match y axes accross facets. Flourish type hint: boolean, defaults to NULL

chart_y_axis_axis_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_numeric_scale_type
: Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_y_axis_linear_min
: Min. Flourish type hint: number, defaults to NULL

chart_y_axis_linear_max
: Max. Flourish type hint: number, defaults to NULL

chart_y_axis_log_min
: Min. Flourish type hint: number, defaults to NULL

chart_y_axis_log_max
: Max. Flourish type hint: number, defaults to NULL

chart_y_axis_datetime_min
: Min (date). Flourish type hint: string, defaults to NULL

chart_y_axis_datetime_max
: Max (date). Flourish type hint: string, defaults to NULL

chart_y_axis_flip
: Flip axis. Flourish type hint: boolean, defaults to NULL

chart_y_axis_show_scale_settings
: Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_y_axis_nice
: Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Flourish type hint: boolean, defaults to NULL

chart_y_axis_zero_axis
: Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Flourish type hint: string, defaults to NULL

chart_y_axis_title_mode
: Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_y_axis_title
: Text. Flourish type hint: string, defaults to NULL

chart_y_axis_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_title_position
: Position. Choices: side, end. Flourish type hint: string, defaults to NULL

chart_y_axis_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_y_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_position
: Position. Choices: default, above, below. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_space
: Space. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_mode
: Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_y_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_y_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_side
: Side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_y_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_y_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_y_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_y_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_y_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Ignored for date and numeric axes. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridline_category_dividers_extend
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_y_axis_number_date_format_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_y_axis_number_date_format_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_y_axis_number_date_format_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_y_axis_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_y_axis_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_y_axis_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_y_axis_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_y_axis_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_y_axis_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_y_axis_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_y_axis_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

filter_show_all
: Include "All". Flourish type hint: boolean, defaults to NULL

filter_show_all_text
: Name for "All". Leave blank to not include an All option. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
: Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_controls_style_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
: Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of

the popup when a column is empty use the syntax {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}.
Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI
If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_enabled
: Show highlights on the x axis. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_lines
: One per line, in format "My label :: 2012". One per line, using the format : My label :: 2012 For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart. Use the format: `My label :: 2012 :: line_color / text_color :: facet_name`. For example, `My label :: 2012 :: #eb0000 / #0084bd :: Category 1`. If you want to add an annotation to just one specific chart but do not want to color the line/text, you can leave that part blank. For example: My label :: 2012 :: :: Category 1 Flourish type hint: text, defaults to NULL

chart_axes_highlights_x_line_color
: Line color. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_line_width
: Line width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_line_dash
: Dash. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_areas
: One per line, in format "My label :: 2013 » 2015". One per line, using the format : My label :: date » date For dates, use the input format as specified in the

datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: area_color / text_color :: facet_name For example, `My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1`. Flourish type hint: text, defaults to `NULL`

`chart_axes_highlights_x_area_color`
: Area. Flourish type hint: color, defaults to `NULL`

`chart_axes_highlights_x_area_opacity`
: Area opacity. Flourish type hint: number, defaults to `NULL`

`chart_axes_highlights_x_area_texture`
: Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flourish type hint: string, defaults to `NULL`

`chart_axes_highlights_x_label_vertical`
: Vertical. Flourish type hint: boolean, defaults to `NULL`

`chart_axes_highlights_x_label_y_position`
: Y position. Choices: bottom, middle, top. Vertically position the label at the top, bottom or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to `NULL`

`chart_axes_highlights_x_label_x_position`
: X position. Choices: left, middle, right. Horizontally position the label on the left, the right or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to `NULL`

`chart_axes_highlights_x_label_max_width`
: Max width. Flourish type hint: number, defaults to `NULL`

`chart_axes_highlights_x_font_size`
: Font size. Flourish type hint: number, defaults to `NULL`

`chart_axes_highlights_x_font_weight`
: Font weight. Choices: regular, bold. Flourish type hint: string, defaults to `NULL`

`chart_axes_highlights_x_label_color`
: Text. Flourish type hint: color, defaults to `NULL`

`chart_axes_highlights_x_shadow_color`
: Shadow. Flourish type hint: color, defaults to `NULL`

`chart_axes_highlights_x_shadow_enabled`
: Shadow. Flourish type hint: boolean, defaults to `NULL`

`chart_axes_highlights_y_enabled`
: Show highlights on the y axis. Flourish type hint: boolean, defaults to `NULL`

`chart_axes_highlights_y_lines`
: One per line, in format "My label :: 5000". One per line, using the format : My label :: 2012 For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: `My label :: 2012 :: line_color / text_color :: facet_name`. For example: `My label :: 2012 :: #eb0000 / #0084bd :: Category 1`. If you want to add an annotation to just one specific chart but do not want to color

the line/text, you can leave that part blank. For example: My label :: 2012 :: :: Category 1 Flourish type hint: text, defaults to NULL

chart_axes_highlights_y_line_color
: Line color. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_line_width
: line width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_line_dash
: Dash. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_areas
: One per line, in format "My label :: 2000 » 8000". One per line, using the format : My label :: date » date For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: area_color / text_color :: facet_name For example: `My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1`. Flourish type hint: text, defaults to NULL

chart_axes_highlights_y_area_color
: Area. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_area_opacity
: Area opacity. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_area_texture
: Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_x_position
: X position. Choices: left, middle, right. Horizontally position label on the left, the middle or the right end of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_y_position
: Y position. Choices: above, middle, below. Vertically position the label above, below or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_size
: Font size. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_weight
: Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_color
: Text. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_color
: Shadow. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_enabled
: Shadow. Flourish type hint: boolean, defaults to NULL

`axes_highlights_stack_order`
: Stack order. Choices: above_data, below_data. Whether your axis highlights should be displayed above or below your chart area. Flourish type hint: string, defaults to `NULL`

`annotations_styles`
: Show styling options. Flourish type hint: boolean, defaults to `NULL`

`chart_annotations_defaults_text_weight`
: Weight. Choices: normal, bold. Flourish type hint: string, defaults to `NULL`

`chart_annotations_defaults_text_size`
: Text size. Flourish type hint: number, defaults to `NULL`

`chart_annotations_defaults_text_color`
: Text color. Flourish type hint: color, defaults to `NULL`

`chart_annotations_defaults_label_width`
: Max width. Flourish type hint: number, defaults to `NULL`

`chart_annotations_defaults_text_background_mode`
: Text background. Choices: none, outline, background. Flourish type hint: string, defaults to `NULL`

`chart_annotations_defaults_text_bg`
: Outline. Flourish type hint: color, defaults to `NULL`

`chart_annotations_defaults_label_bg`
: Background. Flourish type hint: color, defaults to `NULL`

`chart_annotations_defaults_text_alignment`
: Alignment. Choices: auto, start, center, end. Flourish type hint: string, defaults to `NULL`

`chart_annotations_defaults_popup_position`
: Popup position. Choices: center, left, right, top, bottom. Flourish type hint: string, defaults to `NULL`

`chart_annotations_defaults_line_marker`
: Marker. Choices: none, arrowhead_open, arrowhead. Flourish type hint: string, defaults to `NULL`

`chart_annotations_defaults_stroke_width`
: Width. Flourish type hint: number, defaults to `NULL`

`chart_annotations_defaults_stroke_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_annotations_defaults_connector_extend_line`
: Extend line. Choices: enabled, disabled. Flourish type hint: string, defaults to `NULL`

`animation_duration`
: Animation duration. The duration of the animation (in seconds) when changing data or mode for example, between slides in a story Flourish type hint: number, defaults to `NULL`

`chart_background_background_color_enabled`
: Color. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_background_background_image_enabled`
: Image. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

chart_background_background_color
: Color. Flourish type hint: color, defaults to NULL

chart_background_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_background_background_image_size
: Size. Choices: stretch, slice, meet. Flourish type hint: string, defaults to NULL

chart_background_background_image_position
: Position. Choices: x_min_y_min, x_mid_y_min, x_max_y_min, x_max_y_mid, x_mid_y_mid, x_min_y_max, x_mid_y_max, x_max_y_max. Flourish type hint: string, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "marimekko", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_marimekko_data(gapminder) |>
  set_marimekko_details()
)
```

set_network_graph_details
Set network graph chart details

Description

Set network graph chart details

Usage

```
set_network_graph_details(
  .,
  chart_type = NULL,
  radial_sort = NULL,
  radial_sort_primary = NULL,
  radial_sort_secondary = NULL,
  height_mode = NULL,
  facet_aspect = NULL,
  facet_aspect_mobile = NULL,
  facet_aspect_breakpoint = NULL,
  ring_padding = NULL,
  ring_angle = NULL,
  fill_color = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
```

```
chart_color_scale_diverging_domain_mid = NULL,
chart_color_scale_diverging_domain_max = NULL,
node_scale_pack = NULL,
constant_node_radius = NULL,
min_node_radius = NULL,
max_node_radius = NULL,
point_opacity = NULL,
fade_opacity = NULL,
image_opacity = NULL,
node_stroke_width = NULL,
node_stroke_color = NULL,
node_highlight_stroke_color = NULL,
points_advanced = NULL,
node_scale_type = NULL,
max_node_value = NULL,
auto_scale = NULL,
max_fullness = NULL,
label_size = NULL,
label_weight = NULL,
label_color_mode = NULL,
label_color = NULL,
label_show = NULL,
link_color = NULL,
link_opacity = NULL,
constant_link_width = NULL,
min_link_width = NULL,
max_link_width = NULL,
max_link_value = NULL,
links_advanced = NULL,
directional = NULL,
link_scale_type = NULL,
link_highlight_color = NULL,
link_highlight_opacity = NULL,
chart_popup_show_popups = NULL,
chart_popup_is_custom = NULL,
chart_popup_custom_template = NULL,
chart_popup_show_pointer = NULL,
chart_popup_show_shadow = NULL,
chart_popup_style_popups = NULL,
chart_popup_text_color = NULL,
chart_popup_align = NULL,
chart_popup_text_size = NULL,
chart_popup_fill_color = NULL,
chart_popup_opacity = NULL,
chart_popup_padding = NULL,
chart_popup_border_radius = NULL,
chart_popup_max_width = NULL,
popup_opacity = NULL,
```

```
  chart_categorical_legend_show_legend = NULL,
  chart_categorical_legend_title_mode = NULL,
  chart_categorical_legend_title = NULL,
  chart_categorical_legend_swatch_width = NULL,
  chart_categorical_legend_swatch_height = NULL,
  chart_categorical_legend_swatch_radius = NULL,
  chart_categorical_legend_legend_items_padding = NULL,
  chart_categorical_legend_swatch_outline = NULL,
  chart_categorical_legend_swatch_outline_color = NULL,
  chart_categorical_legend_order_override = NULL,
  chart_categorical_legend_icon_height = NULL,
  chart_categorical_legend_icon_color = NULL,
  chart_categorical_legend_max_width = NULL,
  chart_categorical_legend_orientation = NULL,
  legend_position = NULL,
  chart_legend_container_alignment = NULL,
  chart_legend_container_orientation = NULL,
  chart_legend_container_title_weight = NULL,
  chart_legend_container_text_weight = NULL,
  chart_legend_container_text_color = NULL,
  chart_legend_container_text_size = NULL,
  legend_interaction = NULL,
  animate_simulation = NULL,
  simulation_speed = NULL,
  animate_transition = NULL,
  transition_scale = NULL,
  many_body_strength = NULL,
  collision_strength = NULL,
  chart_number_localization_input_decimal_separator = NULL,
  chart_number_localization_output_separators = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
```

```
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
```

```
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
```

```
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
chart_type	Choices: regular, radial. Flourish type hint: string, defaults to NULL
radial_sort	Radial sort mode. Choices: auto, none, clockwise, counter_clockwise. Whether sorting will be applied or not and in which direction. Flourish type hint: string, defaults to NULL
radial_sort_primary	Primary sort. Choices: group, id, size, link_count, link_value. The primary criteria used when ordering points. If there are ties when sorting the data the secondary sorting criteria is applied. Flourish type hint: string, defaults to NULL
radial_sort_secondary	Secondary sort. Choices: group, id, size, link_count, link_value. The secondary criteria used when ordering points. It is applied in cases where the primary sorting criteria results in a tie. Flourish type hint: string, defaults to NULL
height_mode	Height mode. Choices: auto, fill_space, aspect. How the graphics height is determined; ignored when embedded in a fixed-height context such as a simple iframe embed. Auto sets the height based on the chart type, data and width. Standard uses the default Flourish responsive sizing. Aspect ratio sets the aspect of each plot. Please note that animations between slides in a story will only work in Aspect ratio mode. Flourish type hint: string, defaults to NULL
facet_aspect	Aspect (desktop). Aspect ratio of each plot in desktop mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
facet_aspect_mobile	Aspect (mobile). Aspect of each plot in mobile mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
facet_aspect_breakpoint	Breakpoint. The width at which mobile mode ends and desktop begins. Flourish type hint: number, defaults to NULL
ring_padding	Ring padding (%). Adds extra spacing around the outside of the radial layout. Flourish type hint: number, defaults to NULL
ring_angle	Ring rotation. The number of degrees to rotate the radial layout. Flourish type hint: number, defaults to NULL

`fill_color` Fill color. Flourish type hint: color, defaults to `NULL`

`chart_color_scale_categorical_palette`
Palette. Flourish type hint: colors, defaults to `NULL`

`chart_color_scale_categorical_extend`
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_categorical_custom_palette`
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to `NULL`

`chart_color_scale_numeric_type`
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_binning`
Choices: `FALSE`, `TRUE`. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_bin_mode`
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_bin_count`
Number of bins. Flourish type hint: number, defaults to `NULL`

`chart_color_scale_bin_thresholds`
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_sequential_palette`
Palette. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_sequential_reverse`
Reverse. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_sequential_custom_min`
Minimum color. Flourish type hint: color, defaults to `NULL`

`chart_color_scale_sequential_custom_max`
Maximum color. Flourish type hint: color, defaults to `NULL`

`chart_color_scale_sequential_color_space`
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_sequential_custom_domain`
Domain. Choices: `FALSE`, `TRUE`. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_sequential_domain_min`
Min. Flourish type hint: number, defaults to `NULL`

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

node_scale_pack
: Pack points to fit radial layout. Scale points relatively to fit tightly around the perimiter of the radial layout, without leaving space between points. If enabled this option overrides other point sizing options in this section. Flourish type hint: boolean, defaults to NULL

constant_node_radius
: Radius. The radius of your points (in px). Flourish type hint: number, defaults to NULL

min_node_radius
: Minimum radius. Flourish type hint: number, defaults to NULL

max_node_radius
: Maximum radius. The maximum radius of your points (in px). Flourish type hint: number, defaults to NULL

point_opacity
: Opacity (default). How opaque the default state of the points in your network should be. Flourish type hint: number, defaults to NULL

fade_opacity
: Opacity (unhighlighted). When a point is emphasized, how opaque the rest of the network should be. Flourish type hint: number, defaults to NULL

image_opacity
: Image opacity. How opaque the images in your points should be. Flourish type hint: number, defaults to NULL

node_stroke_width
: Width. Flourish type hint: number, defaults to NULL

node_stroke_color
: Color. When not set, stroke color is same as background color. Flourish type hint: color, defaults to NULL

node_highlight_stroke_color
: Color (highlighted). When not set, stroke color is same as background color. Flourish type hint: color, defaults to NULL

points_advanced
: Advanced point settings. Flourish type hint: boolean, defaults to NULL

node_scale_type
: Scale points relative to:. Choices: current, arbitrary. Flourish type hint: string, defaults to NULL

max_node_value
: Value. Values bigger than this maximum will have a radius equal to the maximum radius. Flourish type hint: number, defaults to NULL

auto_scale
: Scale points down when not enough space. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

max_fullness
: Max total point area. What percent of the space can the points fill before they are scaled down. Flourish type hint: number, defaults to NULL

label_size
: Size. Flourish type hint: number, defaults to NULL

label_weight
: Weight. Choices: bold, regular. Flourish type hint: string, defaults to NULL

label_color_mode
: Color mode. Choices: auto, fixed. Flourish type hint: string, defaults to NULL

label_color
: Color. Flourish type hint: color, defaults to NULL

label_show
: Show. Choices: auto, all, neighbourhood, click, none. When to show node labels. If set to "Auto" behavior is dynamic depending on chart type and available space. Flourish type hint: string, defaults to NULL

link_color
: Color. When not set, uses same color as main text. Flourish type hint: color, defaults to NULL

link_opacity
: Opacity. How opaque the links between your points should be. Flourish type hint: number, defaults to NULL

constant_link_width
: Width. Flourish type hint: number, defaults to NULL

min_link_width
: Minimum width. Any smaller links will be scaled up to the specified level. (Ignored if greater than the Maximum width setting.). Flourish type hint: number, defaults to NULL

max_link_width
: Maximum width. Flourish type hint: number, defaults to NULL

max_link_value
: Value. Values bigger than this maximum will have a width equal to the maximum width. Flourish type hint: number, defaults to NULL

links_advanced
: Advanced link settings. Flourish type hint: boolean, defaults to NULL

directional
: Show arrows on links. Flourish type hint: boolean, defaults to NULL

link_scale_type
: Scale links relative to:. Choices: current, arbitrary. Flourish type hint: string, defaults to NULL

`link_highlight_color`
: Color (highlighted). When not set, uses same color as main text. Flourish type hint: color, defaults to `NULL`

`link_highlight_opacity`
: Opacity (highlighted). Flourish type hint: number, defaults to `NULL`

`chart_popup_show_popups`
: Popups. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_popup_is_custom`
: Popup contents. Choices: `FALSE`, `TRUE`. Flourish type hint: boolean, defaults to `NULL`

`chart_popup_custom_template`
: Popup content. The text to appear in the popup. You can use `{{column_name}}` to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. Advanced users can include HTML to apply layouts, formatting, images, etc. Flourish type hint: text, defaults to `NULL`

`chart_popup_show_pointer`
: Pointer. Flourish type hint: boolean, defaults to `NULL`

`chart_popup_show_shadow`
: Shadow. Flourish type hint: boolean, defaults to `NULL`

`chart_popup_style_popups`
: Custom styling. Flourish type hint: boolean, defaults to `NULL`

`chart_popup_text_color`
: Text colour. Flourish type hint: color, defaults to `NULL`

`chart_popup_align`
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to `NULL`

`chart_popup_text_size`
: Font size. Flourish type hint: number, defaults to `NULL`

`chart_popup_fill_color`
: Fill colour. Flourish type hint: color, defaults to `NULL`

`chart_popup_opacity`
: Fill opacity. Flourish type hint: number, defaults to `NULL`

`chart_popup_padding`
: Padding. Flourish type hint: number, defaults to `NULL`

`chart_popup_border_radius`
: Radius. Corner radius of popup. Flourish type hint: number, defaults to `NULL`

`chart_popup_max_width`
: Max width. Flourish type hint: number, defaults to `NULL`

`popup_opacity`
: Popup opacity on overlap. When the popup is overlapping other points and links, the opacity of the popup will change so most of the chart is still visible. Flourish type hint: number, defaults to `NULL`

`chart_categorical_legend_show_legend`
: Legend mode. Choices: `TRUE`, `FALSE`. A legend will not show with a single entry. Flourish type hint: boolean, defaults to `NULL`

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

legend_position
: Position. Choices: above, below. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

legend_interaction
: When clicking a legend item. Choices: filter_and_layout, filter_in_position, none. Flourish type hint: string, defaults to NULL

animate_simulation
: Animate network simulation. Display the initial animation of the network. Flourish type hint: boolean, defaults to NULL

simulation_speed
: Animation speed. The speed of the initial animation (in ms). Flourish type hint: number, defaults to NULL

animate_transition
: Animate layout transitions. Enable or disable layout transitions. Flourish type hint: boolean, defaults to NULL

transition_scale
: Transition duration. The duration multiplier for transition animations. Flourish type hint: number, defaults to NULL

many_body_strength
: Repulsion between points. How strongly the points repulse each others. Known as many-body force. Measured in arbitrary units. Flourish type hint: number, defaults to NULL

collision_strength
: Collision-force strength. How strongly the points push away from each other when colliding. In arbitrary units. Flourish type hint: number, defaults to NULL

chart_number_localization_input_decimal_separator
: Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
: Number format to display. Choices: ,., .,, ., ,, ., ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add

{{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher

than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "network", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_network_graph_data(gapminder) |>
  set_network_graph_details()
)
```

---

set_number_ticker_details

Set number ticker chart details

Description

Set number ticker chart details

Usage

```
set_number_ticker_details(
  .,
  mode = NULL,
  number_start = NULL,
  number = NULL,
  custom_template = NULL,
  font_unit = NULL,
  font_size = NULL,
  text_color = NULL,
  font_weight = NULL,
  line_height = NULL,
  duration = NULL,
  easing = NULL,
```

```
chart_number_localization_input_decimal_separator = NULL,
chart_number_localization_output_separators = NULL,
value_format_prefix = NULL,
value_format_suffix = NULL,
value_format_n_dec = NULL,
value_format_advanced = NULL,
value_format_negative_sign = NULL,
value_format_strip_zeros = NULL,
value_format_strip_separator = NULL,
value_format_transform_labels = NULL,
value_format_transform = NULL,
value_format_multiply_divide_constant = NULL,
value_format_exponentiate_constant = NULL,
chart_layout_body_font = NULL,
chart_layout_font_color = NULL,
chart_layout_background_color_enabled = NULL,
chart_layout_background_image_enabled = NULL,
chart_layout_background_color = NULL,
chart_layout_background_image_src = NULL,
chart_layout_background_image_size = NULL,
chart_layout_background_image_position = NULL,
chart_layout_max_width_target = NULL,
chart_layout_max_width = NULL,
chart_layout_max_width_align = NULL,
chart_layout_layout_order = NULL,
chart_layout_space_between_sections = NULL,
chart_layout_space_between_sections_custom = NULL,
chart_layout_margin_top = NULL,
chart_layout_margin_right = NULL,
chart_layout_margin_bottom = NULL,
chart_layout_margin_left = NULL,
chart_layout_border_enabled = NULL,
chart_layout_border_top_width = NULL,
chart_layout_border_top_style = NULL,
chart_layout_border_top_color = NULL,
chart_layout_border_right_width = NULL,
chart_layout_border_right_style = NULL,
chart_layout_border_right_color = NULL,
chart_layout_border_bottom_width = NULL,
chart_layout_border_bottom_style = NULL,
chart_layout_border_bottom_color = NULL,
chart_layout_border_left_width = NULL,
chart_layout_border_left_style = NULL,
chart_layout_border_left_color = NULL,
chart_layout_read_direction = NULL,
chart_layout_font_size_mobile_small = NULL,
chart_layout_font_size_mobile_big = NULL,
chart_layout_font_size_tablet = NULL,
```

```
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
```

```
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
mode	Choices: simple, custom. Flourish type hint: string, defaults to NULL

`number_start` Tick from. Flourish type hint: number, defaults to `NULL`

`number` Tick to. Flourish type hint: number, defaults to `NULL`

`custom_template`
Text and `{{numbers}}`. Put numbers to tick in double braces, e.g. `{{1000}}` to tick from 0 to 1000, or `{{-1000/1000}}` to count from -1000 to 1000. You can also use markdown styling, e.g. **bold** and *italic* or custom HTMLFlourish type hint: text, defaults to `NULL`

`font_unit` Font size mode. Choices: vw, rem. When set to Scale with page, the text will always take up the same proportion of the page width, on any page size (e.g. mobile or desktop) When set to Default the text will be scaled responsively in the same way as other text components, such as the header text. Flourish type hint: string, defaults to `NULL`

`font_size` Font size. Flourish type hint: number, defaults to `NULL`

`text_color` Color. Flourish type hint: color, defaults to `NULL`

`font_weight` Font weight. Choices: normal, bold. Flourish type hint: string, defaults to `NULL`

`line_height` Line height. Flourish type hint: number, defaults to `NULL`

`duration` Duration. How many seconds you want the animation to last for. Flourish type hint: number, defaults to `NULL`

`easing` Tick rate. Choices: constant, speed_up, slow_down, fast_slow_fast. Flourish type hint: string, defaults to `NULL`

`chart_number_localization_input_decimal_separator`
Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to `NULL`

`chart_number_localization_output_separators`
Number format to display. Choices: ,., .,, ., ,, ., ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to `NULL`

`value_format_prefix`
Prefix. Text to place in front of number. Flourish type hint: string, defaults to `NULL`

`value_format_suffix`
Suffix. Text to place after number. Flourish type hint: string, defaults to `NULL`

`value_format_n_dec`
Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to `NULL`

`value_format_advanced`
Advanced. Flourish type hint: boolean, defaults to `NULL`

`value_format_negative_sign`
Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to `NULL`

`value_format_strip_zeros`
Remove trailing zeros. Flourish type hint: boolean, defaults to `NULL`

value_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

value_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

value_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

value_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

value_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "number_ticker", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  set_number_ticker_details()
)
```

set_parliament_chart_details
Set parliament chart chart details

Description

Set parliament chart chart details

Usage

```
set_parliament_chart_details(
  .,
  num_of_seats = NULL,
  hemicycle_arc = NULL,
  circle_inner = NULL,
  manual_row_count = NULL,
  num_of_rows = NULL,
  use_hover_animation = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  unassigned_color = NULL,
  count_font_size = NULL,
  count_weight = NULL,
```

```
party_font_size = NULL,
party_weight = NULL,
chart_categorical_legend_show_legend = NULL,
chart_categorical_legend_title_mode = NULL,
chart_categorical_legend_title = NULL,
chart_categorical_legend_swatch_width = NULL,
chart_categorical_legend_swatch_height = NULL,
chart_categorical_legend_swatch_radius = NULL,
chart_categorical_legend_legend_items_padding = NULL,
chart_categorical_legend_swatch_outline = NULL,
chart_categorical_legend_swatch_outline_color = NULL,
chart_categorical_legend_order_override = NULL,
chart_categorical_legend_icon_height = NULL,
chart_categorical_legend_icon_color = NULL,
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chart_categorical_legend_orientation = NULL,
chart_legend_container_alignment = NULL,
chart_legend_container_orientation = NULL,
chart_legend_container_title_weight = NULL,
chart_legend_container_text_weight = NULL,
chart_legend_container_text_color = NULL,
chart_legend_container_text_size = NULL,
legend_hide_empty_parties = NULL,
show_table = NULL,
gain_color = NULL,
loss_color = NULL,
default_text_color = NULL,
header_weight = NULL,
margin_table = NULL,
show_seat_change = NULL,
seat_change_before = NULL,
seat_change_after = NULL,
seat_change_label = NULL,
chart_number_date_format_prefix = NULL,
chart_number_date_format_suffix = NULL,
chart_number_date_format_n_dec = NULL,
chart_number_date_format_advanced = NULL,
chart_number_date_format_negative_sign = NULL,
chart_number_date_format_strip_zeros = NULL,
chart_number_date_format_strip_separator = NULL,
chart_number_date_format_transform_labels = NULL,
chart_number_date_format_transform = NULL,
chart_number_date_format_multiply_divide_constant = NULL,
chart_number_date_format_exponentiate_constant = NULL,
majority_threshold_line_enabled = NULL,
majority_threshold_line_content = NULL,
majority_threshold_line_text_color = NULL,
majority_threshold_line_dashoffset = NULL,
```

```
  majority_threshold_line_width = NULL,
  majority_threshold_line_color = NULL,
  animation_duration = NULL,
  animation_stagger = NULL,
  animate_on_load = NULL,
  chart_filter_controls_control_type = NULL,
  chart_filter_controls_control_styles = NULL,
  chart_filter_controls_control_title = NULL,
  chart_filter_controls_button_group = NULL,
  chart_filter_controls_button_group_width_mode = NULL,
  chart_filter_controls_button_group_width_fixed = NULL,
  chart_filter_controls_dropdown_width_mode = NULL,
  chart_filter_controls_dropdown_width_fixed = NULL,
  chart_filter_controls_slider_width = NULL,
  chart_filter_controls_slider_max_label_width = NULL,
  chart_filter_controls_slider_step_time = NULL,
  chart_filter_controls_slider_loop = NULL,
  chart_filter_controls_slider_restart_pause = NULL,
  chart_filter_controls_sort = NULL,
  chart_controls_style_font_size = NULL,
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  chart_controls_style_height = NULL,
  chart_button_control_style_background = NULL,
  chart_button_control_style_background_selected = NULL,
  chart_button_control_style_background_hover = NULL,
  chart_button_control_style_font_color = NULL,
  chart_button_control_style_font_color_selected = NULL,
  chart_button_control_style_font_color_hover = NULL,
  chart_button_control_style_button_styles_advanced = NULL,
  chart_button_control_style_border_width = NULL,
  chart_button_control_style_border_color = NULL,
  chart_button_control_style_border_transparency = NULL,
  chart_button_control_style_border_radius = NULL,
  chart_dropdown_control_style_background = NULL,
  chart_dropdown_control_style_font_color = NULL,
  chart_dropdown_control_style_border_styles_advanced = NULL,
  chart_dropdown_control_style_border_style = NULL,
  chart_dropdown_control_style_border_width = NULL,
  chart_dropdown_control_style_border_color = NULL,
  chart_dropdown_control_style_border_transparency = NULL,
  chart_dropdown_control_style_border_radius = NULL,
  chart_slider_control_style_track_color = NULL,
  chart_slider_control_style_font_color = NULL,
  chart_slider_control_style_handle_color = NULL,
  chart_slider_control_style_play_color = NULL,
  chart_slider_control_style_track_height = NULL,
  chart_slider_control_style_handle_height = NULL,
  chart_slider_control_style_play_button = NULL,
```

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  chart_filter_controls_container_alignment = NULL,
  chart_filter_controls_container_controls_spacing = NULL,
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  chart_number_localization_output_separators = NULL,
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  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
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  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
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  chart_layout_space_between_sections_custom = NULL,
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  chart_layout_margin_left = NULL,
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  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
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  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
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  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
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```

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  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
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  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
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  chart_layout_header_text_weight = NULL,
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  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
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  chart_layout_header_border_space = NULL,
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  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
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  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
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  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
```

```
  chart_layout_footer_styling = NULL,
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  chart_layout_footer_text_weight = NULL,
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  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
num_of_seats	Number of seats. This number is ignored if the value is lower than the actual number of seats in your data. Flourish type hint: number, defaults to NULL
hemicycle_arc	Size of arc. In degrees. Flourish type hint: number, defaults to NULL
circle_inner	Inner space. As a % of the circle. Flourish type hint: number, defaults to NULL
manual_row_count	Number of rows. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
num_of_rows	Rows. Flourish type hint: number, defaults to NULL
use_hover_animation	Highlight parties on hover. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_palette
: Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

unassigned_color
: Unassigned outline color. Flourish type hint: color, defaults to NULL

count_font_size
: Size. If the font size means that the seat count is too large to fit within the parliament, the text will be automatically scaled to fit. Flourish type hint: number, defaults to NULL

count_weight
: Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

party_font_size
: Size. If the font size means that the party name is too large to fit within the parliament, the text will be automatically scaled to fit. Flourish type hint: number, defaults to NULL

party_weight
: Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_categorical_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

legend_hide_empty_parties
: Dont include parties that dont have any seats. Flourish type hint: boolean, defaults to NULL

show_table
: Show table. Flourish type hint: boolean, defaults to NULL

gain_color
: Gain color. Flourish type hint: color, defaults to NULL

loss_color
: Loss color. Flourish type hint: color, defaults to NULL

default_text_color
: Default color. Flourish type hint: color, defaults to NULL

header_weight
: Header text. Choices: bold, normal, italic. Flourish type hint: string, defaults to NULL

margin_table
: Margin. Flourish type hint: number, defaults to NULL

show_seat_change
: Choices: off, auto, custom. This adds a new column that shows the change between 2 columns. "Auto" will compare the last 2 columns in your data "Custom" will allow you to handpick 2 columns to compare. Flourish type hint: string, defaults to NULL

seat_change_before
: Seat change before. Add the name of the column you want to compare with. Flourish type hint: string, defaults to NULL

seat_change_after
: Seat change after. Add the name of the column you want to compare with. Flourish type hint: string, defaults to NULL

seat_change_label
: Column name. Flourish type hint: string, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

majority_threshold_line_enabled
: Show a line for the majority threshold. Draws a line at 50%. Flourish type hint: boolean, defaults to NULL

majority_threshold_line_content
: Text. Flourish type hint: string, defaults to NULL

majority_threshold_line_text_color
: Color. Flourish type hint: color, defaults to NULL

majority_threshold_line_dashoffset
: Dash width and offset. In pixels, eg. 2,2. Flourish type hint: string, defaults to NULL

majority_threshold_line_width
: Thickness. In pixels. Flourish type hint: number, defaults to NULL

majority_threshold_line_color
: Color. Flourish type hint: color, defaults to NULL

animation_duration
: Animation duration. How long the seats take to "flip" when changing party, in seconds. Flourish type hint: number, defaults to NULL

animation_stagger
: Animation spread. How many seconds to spread the seat animations across. Flourish type hint: number, defaults to NULL

animate_on_load
: Animate on load. Whether to animate the seats when the visualisations first loads. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. The controls show up if youve selected multiple value columns. Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_controls_style_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
: Height. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
: Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
: Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
: Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
: Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
: Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
: Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
: Play button. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
: Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_number_localization_input_decimal_separator
: Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
: Number format to display. Choices: ,., .,, ., ,, ., ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "parliament", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_parliament_chart_data(gapminder) |>
  set_parliament_chart_details()
)
```

---

set_photo_slider_details

Set photo slider chart details

Description

Set photo slider chart details

Usage

```
set_photo_slider_details(
  .,
  mode = NULL,
  spotlight_size = NULL,
  spotlight_blur = NULL,
  spotlight_speed = NULL,
  photo_1_big = NULL,
  has_photo_1_small = NULL,
  photo_1_small = NULL,
  photo_2_big = NULL,
  has_photo_2_small = NULL,
  photo_2_small = NULL,
  slider_radius = NULL,
  slider_fill_type = NULL,
  slider_fill_image = NULL,
  slider_fill_overlay = NULL,
  slider_fill_standalone = NULL,
  slider_line_thickness = NULL,
  slider_line_color = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
```

```
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
```

```
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
```

)

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
mode	Before/after mode. Choices: slide, fade, spotlight. Flourish type hint: string, defaults to NULL
spotlight_size	Spotlight size. Flourish type hint: number, defaults to NULL
spotlight_blur	Spotlight blur. Flourish type hint: number, defaults to NULL
spotlight_speed	Spotlight animation. Time it takes to animate from one spotlight position to another in the story player Flourish type hint: number, defaults to NULL
photo_1_big	Flourish type hint: url, defaults to NULL
has_photo_1_small	Add smaller version for mobile. (Optional) Mobile versions will be loaded quicker on smaller screens. Flourish type hint: boolean, defaults to NULL
photo_1_small	Photo 1 (mobile version). This picture should be roughly 500px wide. Flourish type hint: url, defaults to NULL
photo_2_big	Flourish type hint: url, defaults to NULL
has_photo_2_small	Add smaller version for mobile. (Optional) Mobile versions will be loaded quicker on smaller screens. Flourish type hint: boolean, defaults to NULL
photo_2_small	Photo 2 (mobile version). This picture should be roughly 500px wide. Flourish type hint: url, defaults to NULL
slider_radius	Size. Flourish type hint: number, defaults to NULL
slider_fill_type	Type. Choices: color, image. Flourish type hint: string, defaults to NULL
slider_fill_image	Image. Flourish type hint: url, defaults to NULL
slider_fill_overlay	Fill. Flourish type hint: color, defaults to NULL
slider_fill_standalone	Fill (outside picture). Flourish type hint: color, defaults to NULL
slider_line_thickness	Slider line thickness. Flourish type hint: number, defaults to NULL
slider_line_color	Slider line color. Flourish type hint: color, defaults to NULL
chart_layout_body_font	Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

`chart_layout_font_color`
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to `NULL`

`chart_layout_background_color_enabled`
: Color. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_background_image_enabled`
: Image. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_background_color`
: Background color. Flourish type hint: color, defaults to `NULL`

`chart_layout_background_image_src`
: Image URL. Flourish type hint: url, defaults to `NULL`

`chart_layout_background_image_size`
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to `NULL`

`chart_layout_background_image_position`
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to `NULL`

`chart_layout_max_width_target`
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to `NULL`

`chart_layout_max_width`
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to `NULL`

`chart_layout_max_width_align`
: Align. Choices: left, center, right. Flourish type hint: string, defaults to `NULL`

`chart_layout_layout_order`
: Layout order. Flourish type hint: string, defaults to `NULL`

`chart_layout_space_between_sections`
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to `NULL`

`chart_layout_space_between_sections_custom`
: Custom. Flourish type hint: number, defaults to `NULL`

`chart_layout_margin_top`
: Top. Flourish type hint: number, defaults to `NULL`

`chart_layout_margin_right`
: Right. Flourish type hint: number, defaults to `NULL`

`chart_layout_margin_bottom`
: Bottom. Flourish type hint: number, defaults to `NULL`

`chart_layout_margin_left`
: Left. Flourish type hint: number, defaults to `NULL`

`chart_layout_border_enabled`
: Show borders around visualisation. Flourish type hint: boolean, defaults to `NULL`

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "photo_slider", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  set_photo_slider_details()
)
```

---

set_pictogram_details *Set pictogram chart details*

Description

Set pictogram chart details

Usage

```
set_pictogram_details(
  .,
  bar_orientation = NULL,
  flip_bars = NULL,
  bar_padding = NULL,
  plot_aspect_ratio = NULL,
  plot_aspect_ratio_mobile = NULL,
  plot_aspect_ratio_breakpoint = NULL,
  icons = NULL,
  icon_padding = NULL,
  auto_icon_value = NULL,
  icon_value = NULL,
  icon_color = NULL,
  icon_style = NULL,
  icon_stroke_thickness = NULL,
  use_filler_icons = NULL,
  filler_icon_color = NULL,
  max_bar_value = NULL,
  fill_final_row = NULL,
  filler_icons = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  show_bar_labels = NULL,
```

```
  bar_label_size = NULL,
  bar_label_color = NULL,
  bar_label_weight = NULL,
  chart_x_axis_axis_position = NULL,
  chart_x_axis_y_axis_position = NULL,
  chart_x_axis_numeric_scale_type = NULL,
  chart_x_axis_linear_min = NULL,
  chart_x_axis_linear_max = NULL,
  chart_x_axis_log_min = NULL,
  chart_x_axis_log_max = NULL,
  chart_x_axis_datetime_min = NULL,
  chart_x_axis_datetime_max = NULL,
  chart_x_axis_flip = NULL,
  chart_x_axis_show_scale_settings = NULL,
  chart_x_axis_nice = NULL,
  chart_x_axis_zero_axis = NULL,
  chart_x_axis_title_mode = NULL,
  chart_x_axis_title = NULL,
  chart_x_axis_title_styling = NULL,
  chart_x_axis_title_weight = NULL,
  chart_x_axis_title_color = NULL,
  chart_x_axis_title_size = NULL,
  chart_x_axis_title_padding = NULL,
  chart_x_axis_tick_label_position = NULL,
  chart_x_axis_tick_label_styling = NULL,
  chart_x_axis_tick_label_size = NULL,
  chart_x_axis_tick_label_color = NULL,
  chart_x_axis_tick_padding = NULL,
  chart_x_axis_tick_label_angle = NULL,
  chart_x_axis_tick_label_weight = NULL,
  chart_x_axis_tick_label_max_lines = NULL,
  chart_x_axis_tick_label_line_height = NULL,
  chart_x_axis_tick_label_space_mode = NULL,
  chart_x_axis_tick_label_space = NULL,
  chart_x_axis_tick_mode = NULL,
  chart_x_axis_tick_number = NULL,
  chart_x_axis_tick_custom = NULL,
  chart_x_axis_line_and_tick_color = NULL,
  chart_x_axis_line_and_tick_width = NULL,
  chart_x_axis_tick_length = NULL,
  chart_x_axis_tick_side = NULL,
  chart_x_axis_line_visible = NULL,
  chart_x_axis_edge_padding = NULL,
  chart_x_axis_gridlines_visible = NULL,
  chart_x_axis_gridlines_styling = NULL,
  chart_x_axis_gridline_color = NULL,
  chart_x_axis_gridline_style = NULL,
  chart_x_axis_gridline_width = NULL,
```

```
chart_x_axis_gridline_category_dividers = NULL,
chart_x_axis_gridline_category_dividers_extend = NULL,
chart_number_localization_input_decimal_separator = NULL,
chart_number_localization_output_separators = NULL,
chart_number_date_format_prefix = NULL,
chart_number_date_format_suffix = NULL,
chart_number_date_format_n_dec = NULL,
chart_number_date_format_advanced = NULL,
chart_number_date_format_negative_sign = NULL,
chart_number_date_format_strip_zeros = NULL,
chart_number_date_format_strip_separator = NULL,
chart_number_date_format_transform_labels = NULL,
chart_number_date_format_transform = NULL,
chart_number_date_format_multiply_divide_constant = NULL,
chart_number_date_format_exponentiate_constant = NULL,
chart_legend_container_alignment = NULL,
chart_legend_container_orientation = NULL,
chart_legend_container_title_weight = NULL,
chart_legend_container_text_weight = NULL,
chart_legend_container_text_color = NULL,
chart_legend_container_text_size = NULL,
chart_value_legend_show_legend = NULL,
chart_value_legend_title_mode = NULL,
chart_value_legend_title = NULL,
chart_value_legend_swatch_width = NULL,
chart_value_legend_swatch_height = NULL,
chart_value_legend_swatch_radius = NULL,
chart_value_legend_legend_items_padding = NULL,
chart_value_legend_swatch_outline = NULL,
chart_value_legend_swatch_outline_color = NULL,
chart_value_legend_order_override = NULL,
chart_value_legend_icon_height = NULL,
chart_value_legend_icon_color = NULL,
chart_value_legend_max_width = NULL,
chart_value_legend_orientation = NULL,
value_legend_icon = NULL,
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chart_icon_legend_title_mode = NULL,
chart_icon_legend_title = NULL,
chart_icon_legend_swatch_width = NULL,
chart_icon_legend_swatch_height = NULL,
chart_icon_legend_swatch_radius = NULL,
chart_icon_legend_legend_items_padding = NULL,
chart_icon_legend_swatch_outline = NULL,
chart_icon_legend_swatch_outline_color = NULL,
chart_icon_legend_order_override = NULL,
chart_icon_legend_icon_height = NULL,
chart_icon_legend_icon_color = NULL,
```

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  chart_icon_legend_max_width = NULL,
  chart_icon_legend_orientation = NULL,
  chart_color_legend_show_legend = NULL,
  chart_color_legend_title_mode = NULL,
  chart_color_legend_title = NULL,
  chart_color_legend_swatch_width = NULL,
  chart_color_legend_swatch_height = NULL,
  chart_color_legend_swatch_radius = NULL,
  chart_color_legend_legend_items_padding = NULL,
  chart_color_legend_swatch_outline = NULL,
  chart_color_legend_swatch_outline_color = NULL,
  chart_color_legend_order_override = NULL,
  chart_color_legend_icon_height = NULL,
  chart_color_legend_icon_color = NULL,
  chart_color_legend_max_width = NULL,
  chart_color_legend_orientation = NULL,
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  chart_popup_popup_is_custom = NULL,
  chart_popup_show_popup_styles = NULL,
  chart_popup_popup_custom_header = NULL,
  chart_popup_popup_custom_main = NULL,
  chart_popup_popup_custom_accessible = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
  chart_popup_popup_text_color = NULL,
  chart_popup_popup_align = NULL,
  chart_popup_popup_background = NULL,
  chart_popup_popup_background_opacity = NULL,
  chart_popup_popup_padding = NULL,
  chart_popup_popup_radius = NULL,
  chart_popup_popup_header_type = NULL,
  chart_popup_popup_header_background = NULL,
  chart_popup_popup_header_text_color = NULL,
  chart_popup_popup_list_type = NULL,
  chart_popup_popup_list_label_weight = NULL,
  chart_popup_popup_list_separator = NULL,
  chart_popup_popup_shadow = NULL,
  chart_popup_popup_pointer = NULL,
  chart_popup_panel_position = NULL,
  chart_popup_panel_open_duration = NULL,
  chart_popup_panel_side_fixed = NULL,
  chart_popup_panel_side_default_content = NULL,
  chart_popup_panel_is_custom = NULL,
  chart_popup_show_panel_styles = NULL,
  chart_popup_panel_custom_header = NULL,
  chart_popup_panel_custom_main = NULL,
  chart_popup_panel_width_overlay = NULL,
  chart_popup_panel_height_overlay = NULL,
```

```
chart_popup_panel_width_side = NULL,
chart_popup_panel_height_side = NULL,
chart_popup_panel_max_width = NULL,
chart_popup_panel_max_height = NULL,
chart_popup_panel_vertical_position = NULL,
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chart_popup_panel_font_size = NULL,
chart_popup_panel_align = NULL,
chart_popup_panel_background = NULL,
chart_popup_panel_background_opacity = NULL,
chart_popup_panel_padding = NULL,
chart_popup_panel_radius = NULL,
chart_popup_panel_list_type = NULL,
chart_popup_panel_list_label_weight = NULL,
chart_popup_panel_list_separator = NULL,
chart_popup_panel_shadow = NULL,
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chart_value_filter_controls_control_title = NULL,
chart_value_filter_controls_button_group = NULL,
chart_value_filter_controls_button_group_width_mode = NULL,
chart_value_filter_controls_button_group_width_fixed = NULL,
chart_value_filter_controls_dropdown_width_mode = NULL,
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chart_value_filter_controls_slider_width = NULL,
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chart_value_filter_controls_slider_step_time = NULL,
chart_value_filter_controls_slider_loop = NULL,
chart_value_filter_controls_slider_restart_pause = NULL,
chart_value_filter_controls_sort = NULL,
chart_controls_style_font_size = NULL,
chart_controls_style_font_weight = NULL,
chart_controls_style_height = NULL,
chart_dropdown_control_style_background = NULL,
chart_dropdown_control_style_font_color = NULL,
chart_dropdown_control_style_border_styles_advanced = NULL,
chart_dropdown_control_style_border_style = NULL,
chart_dropdown_control_style_border_width = NULL,
chart_dropdown_control_style_border_color = NULL,
chart_dropdown_control_style_border_transparency = NULL,
chart_dropdown_control_style_border_radius = NULL,
chart_button_control_style_background = NULL,
chart_button_control_style_background_selected = NULL,
chart_button_control_style_background_hover = NULL,
chart_button_control_style_font_color = NULL,
chart_button_control_style_font_color_selected = NULL,
chart_button_control_style_font_color_hover = NULL,
```

```
  chart_button_control_style_button_styles_advanced = NULL,
  chart_button_control_style_border_width = NULL,
  chart_button_control_style_border_color = NULL,
  chart_button_control_style_border_transparency = NULL,
  chart_button_control_style_border_radius = NULL,
  chart_slider_control_style_track_color = NULL,
  chart_slider_control_style_font_color = NULL,
  chart_slider_control_style_handle_color = NULL,
  chart_slider_control_style_play_color = NULL,
  chart_slider_control_style_track_height = NULL,
  chart_slider_control_style_handle_height = NULL,
  chart_slider_control_style_play_button = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
```

```
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
```

```
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
bar_orientation	Bar orientation. Choices: vertical, horizontal. Defines the orientation of the bars (vertical or horizontal). Flourish type hint: string, defaults to NULL

`flip_bars` Flip bars. Flip the bars so they point in the opposite direction. Flourish type hint: boolean, defaults to NULL

`bar_padding` Bar padding (%). Padding surrounding bars (as a percentage of bar width). Flourish type hint: number, defaults to NULL

`plot_aspect_ratio`
Aspect (desktop). The aspect ratio of the pictogram plot in desktop mode, where 1 is square, above 1 is wider, and below 1 is taller. This only applies when embedding using a script (i.e., not AMP or iframe). Flourish type hint: number, defaults to NULL

`plot_aspect_ratio_mobile`
Aspect (mobile). The aspect ratio of the pictogram plot in mobile mode, where 1 is square, above 1 is wider, and below 1 is taller. This only applies when embedding using a script (i.e., not AMP or iframe). Flourish type hint: number, defaults to NULL

`plot_aspect_ratio_breakpoint`
Breakpoint. The screen width at which mobile mode ends and desktop begins. This only applies when embedding using a script (i.e., not AMP or iframe). Flourish type hint: number, defaults to NULL

`icons` Icons. Choices: binding, user, female, male, baby, child, wheelchair, angry, frown, meh, smile, smile-beam, thumbs-up, thumbs-down, hands-helping, hand-rock, hand-peace, dollar-sign, euro-sign, money-bill, money-bill-wave, pound-sign, coins, shopping-bag, shopping-cart, circle, square, star, heart, comment, cat, dog, dove, bus, car, biking, running, plane, suitcase, pizza-slice, ice-cream, coffee, wine-glass-alt, building, home, store, industry, database, laptop, microchip, phone, mobile-alt, tv, clock, atom, award, music, leaf, lightbulb, sun, wrench, airbnb, amazon, android, apple, bitcoin, facebook, google, linux, microsoft, twitter, windows, youtube. Use your own icons using icon bindings, or choose a built-in icon Flourish type hint: string, defaults to NULL

`icon_padding` Icon padding (%). Padding surrounding icons (as a percentage of the icon size). Flourish type hint: number, defaults to NULL

`auto_icon_value`
Auto icon value. Automatically calculate a sensible value for each icon. Flourish type hint: boolean, defaults to NULL

`icon_value` Icon value. The value that each icon represents. Flourish type hint: number, defaults to NULL

`icon_color` Icon color. The color of the icons. Flourish type hint: color, defaults to NULL

`icon_style` Icon style. Choices: solid, outline. The style (solid or outline) of the icons. Flourish type hint: string, defaults to NULL

`icon_stroke_thickness`
Icon outline thickness (%). The outline thickness (as a percentage of the icon size). Flourish type hint: number, defaults to NULL

`use_filler_icons`
Use filler icons. Fill empty space with icons Flourish type hint: boolean, defaults to NULL

`filler_icon_color`
Filler icon color. Color of filler icons. Flourish type hint: color, defaults to NULL

`max_bar_value` Maximum bar value. (Optional) Maximum bar value (the remaining bar space will be filled with filler icons). A value less than the largest bar value is disregarded. Flourish type hint: number, defaults to `NULL`

`fill_final_row` Fill final row. Fill the final row of icons with filler icons (so that a grid of icons is formed). Flourish type hint: boolean, defaults to `NULL`

`filler_icons` Filler icon. Choices: auto, user, female, male, baby, child, wheelchair, angry, frown, meh, smile, smile-beam, thumbs-up, thumbs-down, hands-helping, hand-rock, hand-peace, dollar-sign, euro-sign, money-bill, money-bill-wave, pound-sign, coins, shopping-bag, shopping-cart, circle, square, star, heart, comment, cat, dog, dove, bus, car, biking, running, plane, suitcase, pizza-slice, ice-cream, coffee, wine-glass-alt, building, home, store, industry, database, laptop, microchip, phone, mobile-alt, tv, clock, atom, award, music, leaf, lightbulb, sun, wrench, airbnb, amazon, android, apple, bitcoin, facebook, google, linux, microsoft, twitter, windows, youtube. Icon used to fill remaining space. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_categorical_palette`
Palette. Flourish type hint: colors, defaults to `NULL`

`chart_color_scale_categorical_extend`
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_categorical_custom_palette`
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to `NULL`

`chart_color_scale_numeric_type`
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_binning`
Choices: `FALSE`, `TRUE`. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_bin_mode`
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_bin_count`
Number of bins. Flourish type hint: number, defaults to `NULL`

`chart_color_scale_bin_thresholds`
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to `NULL`

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

show_bar_labels
: Show bar labels. Flourish type hint: boolean, defaults to NULL

bar_label_size
: Size. Bar label size in rems (relative to the root font size). Flourish type hint: number, defaults to NULL

bar_label_color
: Color. Bar label color. Flourish type hint: color, defaults to NULL

`bar_label_weight`
: Weight. Choices: normal, bold. Bar label font weight. Flourish type hint: string, defaults to `NULL`

`chart_x_axis_axis_position`
: Position. Choices: bottom, float-below, float-above, top, off. Flourish type hint: string, defaults to `NULL`

`chart_x_axis_y_axis_position`
: Y value. Vertical position of the X axis on the Y scale. Flourish type hint: string, defaults to `NULL`

`chart_x_axis_numeric_scale_type`
: Type. Choices: linear, log. Flourish type hint: string, defaults to `NULL`

`chart_x_axis_linear_min`
: Min. Flourish type hint: number, defaults to `NULL`

`chart_x_axis_linear_max`
: Max. Flourish type hint: number, defaults to `NULL`

`chart_x_axis_log_min`
: Min. Flourish type hint: number, defaults to `NULL`

`chart_x_axis_log_max`
: Max. Flourish type hint: number, defaults to `NULL`

`chart_x_axis_datetime_min`
: Min (date). Flourish type hint: string, defaults to `NULL`

`chart_x_axis_datetime_max`
: Max (date). Flourish type hint: string, defaults to `NULL`

`chart_x_axis_flip`
: Flip axis. Flourish type hint: boolean, defaults to `NULL`

`chart_x_axis_show_scale_settings`
: Configure default min/max. Flourish type hint: boolean, defaults to `NULL`

`chart_x_axis_nice`
: Round min/max. Choices: `TRUE`, `FALSE`. Enabling this option rounds the X axis start and end values to tidy numbers, such as 0, 50, 100 or whole years. Specified min and max values will override this feature. Flourish type hint: boolean, defaults to `NULL`

`chart_x_axis_zero_axis`
: Include zero. Choices: auto, on, off. Enable to extend the axis to include zero, even when data is all positive or all negative. This is ignored if you set specific min and max scale values. Flourish type hint: string, defaults to `NULL`

`chart_x_axis_title_mode`
: Type. Choices: auto, custom. Flourish type hint: string, defaults to `NULL`

`chart_x_axis_title`
: Text. Flourish type hint: string, defaults to `NULL`

`chart_x_axis_title_styling`
: Styling. Flourish type hint: boolean, defaults to `NULL`

`chart_x_axis_title_weight`
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to `NULL`

`chart_x_axis_title_color`
: Color. Flourish type hint: color, defaults to `NULL`

chart_x_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_position
: Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_space
: Space. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_mode
: Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_x_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_x_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_side
: Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_x_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_x_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_x_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_x_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_x_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_category_dividers_extend
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_number_localization_input_decimal_separator
: Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
: Number format to display. Choices: ,., .,, ., ,, ., ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_value_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_value_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_value_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_value_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_value_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

`chart_value_legend_swatch_radius`
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to `NULL`

`chart_value_legend_legend_items_padding`
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to `NULL`

`chart_value_legend_swatch_outline`
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to `NULL`

`chart_value_legend_swatch_outline_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_value_legend_order_override`
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to `NULL`

`chart_value_legend_icon_height`
: Height. Height of icon (in rems). Flourish type hint: number, defaults to `NULL`

`chart_value_legend_icon_color`
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to `NULL`

`chart_value_legend_max_width`
: Max width. Flourish type hint: number, defaults to `NULL`

`chart_value_legend_orientation`
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to `NULL`

`value_legend_icon`
: Icon. Choices: auto, user, female, male, baby, child, wheelchair, angry, frown, meh, smile, smile-beam, thumbs-up, thumbs-down, hands-helping, hand-rock, hand-peace, dollar-sign, euro-sign, money-bill, money-bill-wave, pound-sign, coins, shopping-bag, shopping-cart, circle, square, star, heart, comment, cat, dog, dove, bus, car, biking, running, plane, suitcase, pizza-slice, ice-cream, coffee, wine-glass-alt, building, home, store, industry, database, laptop, microchip, phone, mobile-alt, tv, clock, atom, award, music, leaf, lightbulb, sun, wrench, airbnb, amazon, android, apple, bitcoin, facebook, google, linux, microsoft, twitter, windows, youtube. Icon used in legend. Flourish type hint: string, defaults to `NULL`

`chart_icon_legend_show_legend`
: Legend mode. Choices: `TRUE`, `FALSE`. A legend will not show with a single entry. Flourish type hint: boolean, defaults to `NULL`

`chart_icon_legend_title_mode`
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to `NULL`

`chart_icon_legend_title`
: Title. Flourish type hint: string, defaults to `NULL`

`chart_icon_legend_swatch_width`
: Width. Flourish type hint: number, defaults to `NULL`

`chart_icon_legend_swatch_height`
: Height. Flourish type hint: number, defaults to `NULL`

chart_icon_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_icon_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_icon_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_icon_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_icon_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_icon_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_icon_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_icon_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_icon_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_color_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_color_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_color_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_color_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_color_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_color_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_color_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_color_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_color_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_color_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_color_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_color_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_color_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_color_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI
If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

value_control_visibility
: Show value control. Choices: always, editor, never. Sets whether the value control is always visible, only visible when editing or never visible. Flourish type hint: string, defaults to NULL

chart_value_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_value_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_value_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_value_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_value_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_value_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_value_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_value_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_value_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_value_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_value_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

`chart_value_filter_controls_slider_loop`
: Loop. Flourish type hint: boolean, defaults to `NULL`

`chart_value_filter_controls_slider_restart_pause`
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to `NULL`

`chart_value_filter_controls_sort`
: Sorting. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_controls_style_font_size`
: Text size. Flourish type hint: number, defaults to `NULL`

`chart_controls_style_font_weight`
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to `NULL`

`chart_controls_style_height`
: Height. Flourish type hint: number, defaults to `NULL`

`chart_dropdown_control_style_background`
: Background. Flourish type hint: color, defaults to `NULL`

`chart_dropdown_control_style_font_color`
: Text color. Flourish type hint: color, defaults to `NULL`

`chart_dropdown_control_style_border_styles_advanced`
: Dropdown border styles. Flourish type hint: boolean, defaults to `NULL`

`chart_dropdown_control_style_border_style`
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to `NULL`

`chart_dropdown_control_style_border_width`
: Border width. Flourish type hint: number, defaults to `NULL`

`chart_dropdown_control_style_border_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_dropdown_control_style_border_transparency`
: Transparency. Flourish type hint: number, defaults to `NULL`

`chart_dropdown_control_style_border_radius`
: Radius. Flourish type hint: number, defaults to `NULL`

`chart_button_control_style_background`
: Background. Flourish type hint: color, defaults to `NULL`

`chart_button_control_style_background_selected`
: Selected. Flourish type hint: color, defaults to `NULL`

`chart_button_control_style_background_hover`
: Mouse over. Flourish type hint: color, defaults to `NULL`

`chart_button_control_style_font_color`
: Text color. Flourish type hint: color, defaults to `NULL`

`chart_button_control_style_font_color_selected`
: Selected. Flourish type hint: color, defaults to `NULL`

`chart_button_control_style_font_color_hover`
: Mouse over. Flourish type hint: color, defaults to `NULL`

`chart_button_control_style_button_styles_advanced`
: Button border styles. Flourish type hint: boolean, defaults to `NULL`

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
: Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
: Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
: Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
: Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
: Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
: Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
: Play button. Flourish type hint: boolean, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

`chart_layout_max_width_target`
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to `NULL`

`chart_layout_max_width`
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to `NULL`

`chart_layout_max_width_align`
: Align. Choices: left, center, right. Flourish type hint: string, defaults to `NULL`

`chart_layout_layout_order`
: Layout order. Flourish type hint: string, defaults to `NULL`

`chart_layout_space_between_sections`
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to `NULL`

`chart_layout_space_between_sections_custom`
: Custom. Flourish type hint: number, defaults to `NULL`

`chart_layout_margin_top`
: Top. Flourish type hint: number, defaults to `NULL`

`chart_layout_margin_right`
: Right. Flourish type hint: number, defaults to `NULL`

`chart_layout_margin_bottom`
: Bottom. Flourish type hint: number, defaults to `NULL`

`chart_layout_margin_left`
: Left. Flourish type hint: number, defaults to `NULL`

`chart_layout_border_enabled`
: Show borders around visualisation. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_border_top_width`
: Top. Flourish type hint: number, defaults to `NULL`

`chart_layout_border_top_style`
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to `NULL`

`chart_layout_border_top_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_layout_border_right_width`
: Right. Flourish type hint: number, defaults to `NULL`

`chart_layout_border_right_style`
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to `NULL`

`chart_layout_border_right_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_layout_border_bottom_width`
: Bottom. Flourish type hint: number, defaults to `NULL`

`chart_layout_border_bottom_style`
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to `NULL`

`chart_layout_border_bottom_color`
: Color. Flourish type hint: color, defaults to `NULL`

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y,

%H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "pictogram", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_pictogram_data(gapminder) |>
  set_pictogram_details()
)
```

---

set_quiz_details *Set quiz chart details*

Description

Set quiz chart details

Usage

```
set_quiz_details(
  .,
  color_primary = NULL,
  color_neutral = NULL,
  color_correct = NULL,
  block_text_color = NULL,
  text_border_color = NULL,
  block_text_size = NULL,
  block_text_size_custom = NULL,
  block_background = NULL,
  block_padding = NULL,
  block_border_width = NULL,
  block_border_color = NULL,
  block_border_radius = NULL,
  block_shadow = NULL,
  block_shadow_blur = NULL,
  block_shadow_opacity = NULL,
  block_btn_text_color = NULL,
  block_btn_text_size = NULL,
  block_btn_text_size_custom = NULL,
  show_all_questions = NULL,
```

```
  slider_handle_fill = NULL,
  slider_handle_radius = NULL,
  slider_handle_stroke = NULL,
  slider_channel_fill = NULL,
  slider_channel_height = NULL,
  slider_comparison_opacity = NULL,
  slider_range_type = NULL,
  slider_range_min = NULL,
  slider_range_max = NULL,
  slider_range_step = NULL,
  slider_range_custom = NULL,
  chart_number_date_format_prefix = NULL,
  chart_number_date_format_suffix = NULL,
  chart_number_date_format_n_dec = NULL,
  chart_number_date_format_advanced = NULL,
  chart_number_date_format_negative_sign = NULL,
  chart_number_date_format_strip_zeros = NULL,
  chart_number_date_format_strip_separator = NULL,
  chart_number_date_format_transform_labels = NULL,
  chart_number_date_format_transform = NULL,
  chart_number_date_format_multiply_divide_constant = NULL,
  chart_number_date_format_exponentiate_constant = NULL,
  mc_background = NULL,
  mc_border_color = NULL,
  mc_border_width = NULL,
  mc_border_radius = NULL,
  dropdown = NULL,
  dropdown_default_label = NULL,
  dropdown_label_color = NULL,
  slider_advanced_scoring = NULL,
  slider_score_zone_percent = NULL,
  slider_correct_zone_percent = NULL,
  end_result_default_text = NULL,
  text_your_answer = NULL,
  text_submit = NULL,
  text_dropdown_label = NULL,
  chart_number_localization_input_decimal_separator = NULL,
  chart_number_localization_output_separators = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
```

```
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
```

```
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
```

```
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
color_primary	User input. Flourish type hint: color, defaults to NULL
color_neutral	Neutral. Flourish type hint: color, defaults to NULL
color_correct	Correct. Flourish type hint: color, defaults to NULL
block_text_color	Color. Flourish type hint: color, defaults to NULL
text_border_color	Border color. Flourish type hint: color, defaults to NULL
block_text_size	Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL
block_text_size_custom	Custom. Specify a custom responsive font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL
block_background	Background. Flourish type hint: color, defaults to NULL
block_padding	Padding. Flourish type hint: number, defaults to NULL
block_border_width	Width. Flourish type hint: number, defaults to NULL
block_border_color	Color. Flourish type hint: color, defaults to NULL
block_border_radius	Radius. Flourish type hint: number, defaults to NULL
block_shadow	Enabled. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

block_shadow_blur
: Blur. Flourish type hint: number, defaults to NULL

block_shadow_opacity
: Opacity. Flourish type hint: number, defaults to NULL

block_btn_text_color
: Text color. Flourish type hint: color, defaults to NULL

block_btn_text_size
: Size. Choices: 1.1, 1.2, 1.4, custom. Flourish type hint: string, defaults to NULL

block_btn_text_size_custom
: Custom. Specify a custom responsive font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

show_all_questions
: Show unanswered questions. Flourish type hint: boolean, defaults to NULL

slider_handle_fill
: Color. Flourish type hint: color, defaults to NULL

slider_handle_radius
: Radius. Flourish type hint: number, defaults to NULL

slider_handle_stroke
: Border. Flourish type hint: number, defaults to NULL

slider_channel_fill
: Color. Flourish type hint: color, defaults to NULL

slider_channel_height
: Height. Flourish type hint: number, defaults to NULL

slider_comparison_opacity
: Comparison opacity. Flourish type hint: number, defaults to NULL

slider_range_type
: Slider range. Choices: auto, fixed, custom. In Auto mode, the range will go from 0 to the nearest power of 10. In Fixed mode, you can set a fixed range for every question. In Custom mode, you can set a range for each individual question. Flourish type hint: string, defaults to NULL

slider_range_min
: Min. Flourish type hint: number, defaults to NULL

slider_range_max
: Max. Flourish type hint: number, defaults to NULL

slider_range_step
: Step. Flourish type hint: number, defaults to NULL

slider_range_custom
: Custom. Set a custom range for each question. Write a new range on each line with the following format: `question text :: range minimum :: range maximum :: range step`. < For example: `How many people live in London? :: 1000000 :: 20000000 :: 1000` Flourish type hint: text, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

mc_background
: Background. Flourish type hint: color, defaults to NULL

mc_border_color
: Color. Flourish type hint: color, defaults to NULL

mc_border_width
: Width. Flourish type hint: number, defaults to NULL

mc_border_radius
: Radius. Flourish type hint: number, defaults to NULL

dropdown
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

dropdown_default_label
: Default comparison. Type in an answer thats selected as a default when you load the visualization. Flourish type hint: string, defaults to NULL

dropdown_label_color
: Text color. Flourish type hint: color, defaults to NULL

slider_advanced_scoring
: Linear scores for slider questions. Rather than a slider answer just being "right" or "wrong", change this setting to get a higher score the closer you are to the correct answer. Flourish type hint: boolean, defaults to NULL

slider_score_zone_percent
: Scoring zone (%). Defines how close (as a percentage of the slider range) the input needs to be to the correct answer to produce a score. For example, for a slider range of 0 to 200, a correct answer of 45, and a scoring zone of 10%, the

score is non-zero if the input is between 25 and 65 (because 10% of the slider range is 20). The score increases linearly from 0 at the scoring zone boundary to a score of 1 at the correct answer. Flourish type hint: number, defaults to NULL

slider_correct_zone_percent
: Correct zone (%). Defines how close (as a percentage of the scoring zone) the input needs to be to the correct answer to produce a full score of 1. For example, for a slider range of 0 to 200, a correct answer of 45, a scoring zone of 10%, and a correct zone of 50%, the score is 1 if the input is between 35 and 55 (because 50% of the scoring zone is 10). The score increases linearly from the scoring zone boundary to the correct zone boundary. For example, inputs of 20, 25, 30, 35, or 40 scores 0, 0, 0.5, 1, or 1, respectively. Flourish type hint: number, defaults to NULL

end_result_default_text
: Default end result text. This is the text that shows up after youve finished the quiz. You can add custom end result text for specific score ranges in the Data tab, inside the End result sheet. Flourish type hint: text, defaults to NULL

text_your_answer
: Slider your answer. Flourish type hint: string, defaults to NULL

text_submit
: Submit button. Flourish type hint: string, defaults to NULL

text_dropdown_label
: Dropdown label. Flourish type hint: string, defaults to NULL

chart_number_localization_input_decimal_separator
: Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
: Number format to display. Choices: ,., .,, ., ,, ., ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "quiz", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_quiz_data(gapminder) |>
  set_quiz_details()
)
```

---

set_radar_details *Set radar chart chart details*

Description

Set radar chart chart details

Usage

```
set_radar_details(
  .,
  radars_curve = NULL,
  radars_star = NULL,
  radars_stroke_width = NULL,
  radars_stroke_opacity = NULL,
  radars_fill_opacity = NULL,
  radars_star_inner_radius = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
```

```
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  facet_comparisons = NULL,
  facet_comparison_stroke = NULL,
  facet_comparison_stroke_width = NULL,
  facet_comparison_stroke_opacity = NULL,
  facet_comparison_fill = NULL,
  facet_comparison_fill_opacity = NULL,
  chart_facet_columns_fixed = NULL,
  chart_facet_columns = NULL,
  chart_facet_min_width = NULL,
  chart_facet_min_width_fixed = NULL,
  chart_facet_custom_grid = NULL,
  chart_facet_custom_positions = NULL,
  chart_facet_max_width = NULL,
  chart_facet_gutter_w = NULL,
  chart_facet_gutter_h = NULL,
  chart_facet_animation = NULL,
  chart_facet_titles = NULL,
  chart_facet_title_align = NULL,
  chart_facet_title_size = NULL,
  chart_facet_title_unit = NULL,
  chart_facet_title_color = NULL,
  chart_facet_title_padding_top = NULL,
  chart_facet_title_padding_bottom = NULL,
  chart_facet_title_bg = NULL,
  chart_facet_title_bg_color = NULL,
  chart_facet_title_bg_padding = NULL,
  chart_radial_axis_axis_show = NULL,
  chart_radial_axis_x_line_color = NULL,
  chart_radial_axis_x_line_width = NULL,
  chart_radial_axis_x_tick_label_color = NULL,
  chart_radial_axis_x_tick_label_size = NULL,
  chart_radial_axis_x_tick_label_outline = NULL,
  chart_radial_axis_x_tick_label_weight = NULL,
  chart_radial_axis_y_min = NULL,
  chart_radial_axis_y_max = NULL,
```

```
  chart_radial_axis_y_tick_number = NULL,
  chart_radial_axis_y_line_color = NULL,
  chart_radial_axis_y_line_width = NULL,
  chart_radial_axis_y_line_dash = NULL,
  chart_radial_axis_y_line_dash_gap = NULL,
  chart_radial_axis_y_tick_label_color = NULL,
  chart_radial_axis_y_tick_label_size = NULL,
  chart_radial_axis_y_tick_label_outline = NULL,
  chart_radial_axis_y_tick_label_space = NULL,
  chart_radial_axis_y_tick_label_weight = NULL,
  chart_radial_axis_margin_top = NULL,
  chart_radial_axis_margin_right = NULL,
  chart_radial_axis_margin_bottom = NULL,
  chart_radial_axis_margin_left = NULL,
  chart_radial_axis_group_labels = NULL,
  chart_radial_axis_group_labels_color = NULL,
  chart_radial_axis_group_labels_size = NULL,
  chart_radial_axis_group_labels_letter_spacing = NULL,
  chart_radial_axis_group_labels_space_above = NULL,
  chart_radial_axis_group_labels_space_below = NULL,
  chart_legend_container_alignment = NULL,
  chart_legend_container_orientation = NULL,
  chart_legend_container_title_weight = NULL,
  chart_legend_container_text_weight = NULL,
  chart_legend_container_text_color = NULL,
  chart_legend_container_text_size = NULL,
  chart_legend_show_legend = NULL,
  chart_legend_title_mode = NULL,
  chart_legend_title = NULL,
  chart_legend_swatch_width = NULL,
  chart_legend_swatch_height = NULL,
  chart_legend_swatch_radius = NULL,
  chart_legend_legend_items_padding = NULL,
  chart_legend_swatch_outline = NULL,
  chart_legend_swatch_outline_color = NULL,
  chart_legend_order_override = NULL,
  chart_legend_icon_height = NULL,
  chart_legend_icon_color = NULL,
  chart_legend_max_width = NULL,
  chart_legend_orientation = NULL,
  facet_control_show = NULL,
  facet_control_default = NULL,
  facet_control_none = NULL,
  facets_label_combined = NULL,
  facet_control_individual = NULL,
  facets_label_separate = NULL,
  chart_facet_filter_controls_control_type = NULL,
  chart_facet_filter_controls_control_styles = NULL,
```

```
chart_facet_filter_controls_control_title = NULL,
chart_facet_filter_controls_button_group = NULL,
chart_facet_filter_controls_button_group_width_mode = NULL,
chart_facet_filter_controls_button_group_width_fixed = NULL,
chart_facet_filter_controls_dropdown_width_mode = NULL,
chart_facet_filter_controls_dropdown_width_fixed = NULL,
chart_facet_filter_controls_slider_width = NULL,
chart_facet_filter_controls_slider_max_label_width = NULL,
chart_facet_filter_controls_slider_step_time = NULL,
chart_facet_filter_controls_slider_loop = NULL,
chart_facet_filter_controls_slider_restart_pause = NULL,
chart_facet_filter_controls_sort = NULL,
chart_filter_controls_control_type = NULL,
chart_filter_controls_control_styles = NULL,
chart_filter_controls_control_title = NULL,
chart_filter_controls_button_group = NULL,
chart_filter_controls_button_group_width_mode = NULL,
chart_filter_controls_button_group_width_fixed = NULL,
chart_filter_controls_dropdown_width_mode = NULL,
chart_filter_controls_dropdown_width_fixed = NULL,
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chart_filter_controls_slider_max_label_width = NULL,
chart_filter_controls_slider_step_time = NULL,
chart_filter_controls_slider_loop = NULL,
chart_filter_controls_slider_restart_pause = NULL,
chart_filter_controls_sort = NULL,
filter_control_all = NULL,
filter_y_max = NULL,
chart_controls_style_font_size = NULL,
chart_controls_style_font_weight = NULL,
chart_controls_style_height = NULL,
chart_button_control_style_background = NULL,
chart_button_control_style_background_selected = NULL,
chart_button_control_style_background_hover = NULL,
chart_button_control_style_font_color = NULL,
chart_button_control_style_font_color_selected = NULL,
chart_button_control_style_font_color_hover = NULL,
chart_button_control_style_button_styles_advanced = NULL,
chart_button_control_style_border_width = NULL,
chart_button_control_style_border_color = NULL,
chart_button_control_style_border_transparency = NULL,
chart_button_control_style_border_radius = NULL,
chart_dropdown_control_style_background = NULL,
chart_dropdown_control_style_font_color = NULL,
chart_dropdown_control_style_border_styles_advanced = NULL,
chart_dropdown_control_style_border_style = NULL,
chart_dropdown_control_style_border_width = NULL,
chart_dropdown_control_style_border_color = NULL,
```

```
  chart_dropdown_control_style_border_transparency = NULL,
  chart_dropdown_control_style_border_radius = NULL,
  chart_slider_control_style_track_color = NULL,
  chart_slider_control_style_font_color = NULL,
  chart_slider_control_style_handle_color = NULL,
  chart_slider_control_style_play_color = NULL,
  chart_slider_control_style_track_height = NULL,
  chart_slider_control_style_handle_height = NULL,
  chart_slider_control_style_play_button = NULL,
  chart_filter_controls_container_alignment = NULL,
  chart_filter_controls_container_controls_spacing = NULL,
  chart_popup_mode = NULL,
  chart_popup_popup_is_custom = NULL,
  chart_popup_show_popup_styles = NULL,
  chart_popup_popup_custom_header = NULL,
  chart_popup_popup_custom_main = NULL,
  chart_popup_popup_custom_accessible = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
  chart_popup_popup_text_color = NULL,
  chart_popup_popup_align = NULL,
  chart_popup_popup_background = NULL,
  chart_popup_popup_background_opacity = NULL,
  chart_popup_popup_padding = NULL,
  chart_popup_popup_radius = NULL,
  chart_popup_popup_header_type = NULL,
  chart_popup_popup_header_background = NULL,
  chart_popup_popup_header_text_color = NULL,
  chart_popup_popup_list_type = NULL,
  chart_popup_popup_list_label_weight = NULL,
  chart_popup_popup_list_separator = NULL,
  chart_popup_popup_shadow = NULL,
  chart_popup_popup_pointer = NULL,
  chart_popup_panel_position = NULL,
  chart_popup_panel_open_duration = NULL,
  chart_popup_panel_side_fixed = NULL,
  chart_popup_panel_side_default_content = NULL,
  chart_popup_panel_is_custom = NULL,
  chart_popup_show_panel_styles = NULL,
  chart_popup_panel_custom_header = NULL,
  chart_popup_panel_custom_main = NULL,
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  chart_popup_panel_height_overlay = NULL,
  chart_popup_panel_width_side = NULL,
  chart_popup_panel_height_side = NULL,
  chart_popup_panel_max_width = NULL,
  chart_popup_panel_max_height = NULL,
  chart_popup_panel_vertical_position = NULL,
```

```
chart_popup_panel_text_color = NULL,
chart_popup_panel_font_size = NULL,
chart_popup_panel_align = NULL,
chart_popup_panel_background = NULL,
chart_popup_panel_background_opacity = NULL,
chart_popup_panel_padding = NULL,
chart_popup_panel_radius = NULL,
chart_popup_panel_list_type = NULL,
chart_popup_panel_list_label_weight = NULL,
chart_popup_panel_list_separator = NULL,
chart_popup_panel_shadow = NULL,
popup_color_headings = NULL,
duration = NULL,
chart_number_date_format_prefix = NULL,
chart_number_date_format_suffix = NULL,
chart_number_date_format_n_dec = NULL,
chart_number_date_format_advanced = NULL,
chart_number_date_format_negative_sign = NULL,
chart_number_date_format_strip_zeros = NULL,
chart_number_date_format_strip_separator = NULL,
chart_number_date_format_transform_labels = NULL,
chart_number_date_format_transform = NULL,
chart_number_date_format_multiply_divide_constant = NULL,
chart_number_date_format_exponentiate_constant = NULL,
chart_layout_body_font = NULL,
chart_layout_font_color = NULL,
chart_layout_background_color_enabled = NULL,
chart_layout_background_image_enabled = NULL,
chart_layout_background_color = NULL,
chart_layout_background_image_src = NULL,
chart_layout_background_image_size = NULL,
chart_layout_background_image_position = NULL,
chart_layout_max_width_target = NULL,
chart_layout_max_width = NULL,
chart_layout_max_width_align = NULL,
chart_layout_layout_order = NULL,
chart_layout_space_between_sections = NULL,
chart_layout_space_between_sections_custom = NULL,
chart_layout_margin_top = NULL,
chart_layout_margin_right = NULL,
chart_layout_margin_bottom = NULL,
chart_layout_margin_left = NULL,
chart_layout_border_enabled = NULL,
chart_layout_border_top_width = NULL,
chart_layout_border_top_style = NULL,
chart_layout_border_top_color = NULL,
chart_layout_border_right_width = NULL,
chart_layout_border_right_style = NULL,
```

```
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
```

```
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
```

```
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
radars_curve	Line curve. Choices: linear, cardinal. Flourish type hint: string, defaults to NULL
radars_star	Line shape. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
radars_stroke_width	Line width. Flourish type hint: number, defaults to NULL
radars_stroke_opacity	Line opacity. Flourish type hint: number, defaults to NULL
radars_fill_opacity	Fill opacity. Flourish type hint: number, defaults to NULL
radars_star_inner_radius	Star inner. The star shapes inner radius, as a percent of the max radius. Flourish type hint: number, defaults to NULL
chart_color_scale_categorical_palette	Flourish type hint: colors, defaults to NULL
chart_color_scale_categorical_extend	Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL
chart_color_scale_categorical_custom_palette	Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL
chart_color_scale_numeric_type	Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL
chart_color_scale_binning	Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL
chart_color_scale_bin_mode	Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL
chart_color_scale_bin_count	Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

facet_comparisons
: Show comparison lines in grid mode. Flourish type hint: boolean, defaults to NULL

facet_comparison_stroke
: Line. Flourish type hint: color, defaults to NULL

facet_comparison_stroke_width
: Line width. Flourish type hint: number, defaults to NULL

facet_comparison_stroke_opacity
: Line opacity. Flourish type hint: number, defaults to NULL

facet_comparison_fill
: Fill. Flourish type hint: color, defaults to NULL

facet_comparison_fill_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_facet_columns_fixed
: Grid mode. Choices: FALSE, TRUE. In Auto mode, the number of columns will change with screen size. Flourish type hint: boolean, defaults to NULL

chart_facet_columns
: Columns. The number of columns in the grid. (If specifying custom positions, extra columns may be added automatically.). Flourish type hint: number, defaults to NULL

chart_facet_min_width
: Min chart width. The minimum width of a chart or cell in the grid. Determines the number of columns. Flourish type hint: number, defaults to NULL

chart_facet_min_width_fixed
: Min chart width. Specify the minimum width of a chart or cell in the grid, below which the Fixed grid will be ignored and it will fall back to responsive Auto mode. Flourish type hint: number, defaults to NULL

chart_facet_custom_grid
: Add custom positions. Specify positions for individual charts in the grid useful for making a map layout. Flourish type hint: boolean, defaults to NULL

chart_facet_custom_positions
: Custom positions. Enter the name of a facet, one per line, using the format: Facet name: row, column where row and column are numbers indicating the grid position where a facet should be positioned. For example, Alaska : 1, 1 Maine : 1, 11 Wisconsin : 2, 6 Flourish type hint: text, defaults to NULL

chart_facet_max_width
: Max chart width. The maximum width of a chart or cell in the grid. Flourish type hint: number, defaults to NULL

chart_facet_gutter_w
: Horizontal margin. Flourish type hint: number, defaults to NULL

chart_facet_gutter_h
: Vertical margin. Flourish type hint: number, defaults to NULL

chart_facet_animation
: On data change. Choices: auto, name, reuse. If a chart in the grid is removed, that cell can either be animated out (with another cell moving to take its place) or reused for the new data in that cell. Auto decides for you based on the data. Flourish type hint: string, defaults to NULL

chart_facet_titles
: Show titles. Flourish type hint: boolean, defaults to NULL

chart_facet_title_align
: Alignment. Choices: auto, left, center, right. Flourish type hint: string, defaults to NULL

chart_facet_title_size
: Size. Relative to the width of the chart. Flourish type hint: number, defaults to NULL

chart_facet_title_unit
: Scale with chart. Choices: rem, facet. Flourish type hint: string, defaults to NULL

chart_facet_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_facet_title_padding_top
: Space above. Flourish type hint: number, defaults to NULL

chart_facet_title_padding_bottom
: Space below. Flourish type hint: number, defaults to NULL

chart_facet_title_bg
: Background. Choices: none, full, text. Flourish type hint: string, defaults to NULL

chart_facet_title_bg_color
: Background color. Flourish type hint: color, defaults to NULL

chart_facet_title_bg_padding
: Background padding. Horizontal space between text and background. Flourish type hint: number, defaults to NULL

chart_radial_axis_axis_show
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_radial_axis_x_line_color
: Line. Flourish type hint: color, defaults to NULL

chart_radial_axis_x_line_width
: Width. Flourish type hint: number, defaults to NULL

chart_radial_axis_x_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_radial_axis_x_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_radial_axis_x_tick_label_outline
: Outline. Flourish type hint: number, defaults to NULL

chart_radial_axis_x_tick_label_weight
: Choices: 600, 400. Flourish type hint: string, defaults to NULL

chart_radial_axis_y_min
: Min value. Flourish type hint: number, defaults to NULL

chart_radial_axis_y_max
: Max value. Flourish type hint: number, defaults to NULL

chart_radial_axis_y_tick_number
: Number. Flourish type hint: number, defaults to NULL

chart_radial_axis_y_line_color
: Color. Flourish type hint: color, defaults to NULL

chart_radial_axis_y_line_width
: Width. Flourish type hint: string, defaults to NULL

chart_radial_axis_y_line_dash
: Dash. Flourish type hint: string, defaults to NULL

chart_radial_axis_y_line_dash_gap
: Gap. Flourish type hint: string, defaults to NULL

chart_radial_axis_y_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_radial_axis_y_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_radial_axis_y_tick_label_outline
: Outline. Flourish type hint: number, defaults to NULL

chart_radial_axis_y_tick_label_space
: Space. Flourish type hint: number, defaults to NULL

chart_radial_axis_y_tick_label_weight
: Choices: 600, 400. Flourish type hint: string, defaults to NULL

chart_radial_axis_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_radial_axis_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_radial_axis_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_radial_axis_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_radial_axis_group_labels
: Outer labels. Enter one per line, with an angle and a label separated by a colon, such as: 50: My Label. Flourish type hint: text, defaults to NULL

chart_radial_axis_group_labels_color
: Color. Flourish type hint: color, defaults to NULL

chart_radial_axis_group_labels_size
: Size. Flourish type hint: number, defaults to NULL

chart_radial_axis_group_labels_letter_spacing
: Letter spacing. Flourish type hint: number, defaults to NULL

chart_radial_axis_group_labels_space_above
: Space above. Flourish type hint: number, defaults to NULL

chart_radial_axis_group_labels_space_below
: Space below. Flourish type hint: number, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

facet_control_show
: Show charts grid control. Flourish type hint: boolean, defaults to NULL

facet_control_default
: Option to show on load. If you want to specify a different facet view to show on load either make a story or enter the label from the relevant button here. Case sensitive. Flourish type hint: string, defaults to NULL

facet_control_none
: Include combined option. Flourish type hint: boolean, defaults to NULL

facets_label_combined
: Combined label. Flourish type hint: string, defaults to NULL

facet_control_individual
: Include separate option. Flourish type hint: boolean, defaults to NULL

facets_label_separate
: Separate label. Flourish type hint: string, defaults to NULL

chart_facet_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_facet_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_facet_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_facet_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_facet_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_facet_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_facet_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_facet_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_facet_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_facet_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_facet_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_facet_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_facet_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_facet_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

filter_control_all
: Name for "All". Leave blank to not include an "All" option. Flourish type hint: string, defaults to NULL

filter_y_max
: Update axis y max when filtering. Flourish type hint: boolean, defaults to NULL

chart_controls_style_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
: Height. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
: Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
: Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
: Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
: Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
: Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
: Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
: Play button. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
: Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI
If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

popup_color_headings
: Color popup headings. Flourish type hint: boolean, defaults to NULL

duration
: Duration. The duration, in seconds, of transitions for example between two slides in a story. Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "radar", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_radar_data(gapminder) |>
  set_radar_details()
)
```

---

set_sankey_details *Set sankey diagram chart details*

Description

Set sankey diagram chart details

Usage

```
set_sankey_details(
  .,
  mode = NULL,
  spread = NULL,
  alignment = NULL,
  sorting_mode = NULL,
  node_sort_order = NULL,
  iterations = NULL,
  setup_settings = NULL,
  node_width = NULL,
  node_padding = NULL,
  top_padding = NULL,
  bottom_padding = NULL,
  height_mode = NULL,
  facet_aspect = NULL,
  chart_facet_columns_fixed = NULL,
  chart_facet_columns = NULL,
  chart_facet_min_width = NULL,
  chart_facet_min_width_fixed = NULL,
  chart_facet_custom_grid = NULL,
  chart_facet_custom_positions = NULL,
  chart_facet_max_width = NULL,
  chart_facet_gutter_w = NULL,
  chart_facet_gutter_h = NULL,
  chart_facet_animation = NULL,
  chart_facet_titles = NULL,
  chart_facet_title_align = NULL,
  chart_facet_title_size = NULL,
  chart_facet_title_unit = NULL,
  chart_facet_title_color = NULL,
  chart_facet_title_padding_top = NULL,
  chart_facet_title_padding_bottom = NULL,
  chart_facet_title_bg = NULL,
  chart_facet_title_bg_color = NULL,
  chart_facet_title_bg_padding = NULL,
  facets_hide_empty = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
```

```
chart_color_scale_sequential_custom_max = NULL,
chart_color_scale_sequential_color_space = NULL,
chart_color_scale_sequential_custom_domain = NULL,
chart_color_scale_sequential_domain_min = NULL,
chart_color_scale_sequential_domain_max = NULL,
chart_color_scale_diverging_palette = NULL,
chart_color_scale_diverging_reverse = NULL,
chart_color_scale_diverging_custom_min = NULL,
chart_color_scale_diverging_custom_mid = NULL,
chart_color_scale_diverging_custom_max = NULL,
chart_color_scale_diverging_color_space = NULL,
chart_color_scale_diverging_custom_domain = NULL,
chart_color_scale_diverging_domain_min = NULL,
chart_color_scale_diverging_domain_mid = NULL,
chart_color_scale_diverging_domain_max = NULL,
link_opacity = NULL,
background_opacity = NULL,
custom_node_color = NULL,
links_color_mode = NULL,
label_mode = NULL,
label_outwards_max_width = NULL,
label_color_mode = NULL,
label_color = NULL,
label_bold = NULL,
label_show_values = NULL,
label_show_values_links = NULL,
label_color_links = NULL,
label_outline = NULL,
label_outline_width = NULL,
label_font_size = NULL,
label_facet_scaling = NULL,
show_node_headings = NULL,
node_headings_bold = NULL,
node_headings_font_size = NULL,
node_headings_padding = NULL,
node_headings_max_width = NULL,
node_headings_color = NULL,
node_headings_overrides = NULL,
chart_filter_controls_control_type = NULL,
chart_filter_controls_control_styles = NULL,
chart_filter_controls_control_title = NULL,
chart_filter_controls_button_group = NULL,
chart_filter_controls_button_group_width_mode = NULL,
chart_filter_controls_button_group_width_fixed = NULL,
chart_filter_controls_dropdown_width_mode = NULL,
chart_filter_controls_dropdown_width_fixed = NULL,
chart_filter_controls_slider_width = NULL,
chart_filter_controls_slider_max_label_width = NULL,
```

```
  chart_filter_controls_slider_step_time = NULL,
  chart_filter_controls_slider_loop = NULL,
  chart_filter_controls_slider_restart_pause = NULL,
  chart_filter_controls_sort = NULL,
  filter_show_all = NULL,
  filter_show_all_text = NULL,
  chart_controls_style_font_size = NULL,
  chart_controls_style_font_weight = NULL,
  chart_controls_style_height = NULL,
  chart_dropdown_control_style_background = NULL,
  chart_dropdown_control_style_font_color = NULL,
  chart_dropdown_control_style_border_styles_advanced = NULL,
  chart_dropdown_control_style_border_style = NULL,
  chart_dropdown_control_style_border_width = NULL,
  chart_dropdown_control_style_border_color = NULL,
  chart_dropdown_control_style_border_transparency = NULL,
  chart_dropdown_control_style_border_radius = NULL,
  chart_button_control_style_background = NULL,
  chart_button_control_style_background_selected = NULL,
  chart_button_control_style_background_hover = NULL,
  chart_button_control_style_font_color = NULL,
  chart_button_control_style_font_color_selected = NULL,
  chart_button_control_style_font_color_hover = NULL,
  chart_button_control_style_button_styles_advanced = NULL,
  chart_button_control_style_border_width = NULL,
  chart_button_control_style_border_color = NULL,
  chart_button_control_style_border_transparency = NULL,
  chart_button_control_style_border_radius = NULL,
  chart_slider_control_style_track_color = NULL,
  chart_slider_control_style_font_color = NULL,
  chart_slider_control_style_handle_color = NULL,
  chart_slider_control_style_play_color = NULL,
  chart_slider_control_style_track_height = NULL,
  chart_slider_control_style_handle_height = NULL,
  chart_slider_control_style_play_button = NULL,
  chart_popup_mode = NULL,
  chart_popup_popup_is_custom = NULL,
  chart_popup_show_popup_styles = NULL,
  chart_popup_popup_custom_header = NULL,
  chart_popup_popup_custom_main = NULL,
  chart_popup_popup_custom_accessible = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
  chart_popup_popup_text_color = NULL,
  chart_popup_popup_align = NULL,
  chart_popup_popup_background = NULL,
  chart_popup_popup_background_opacity = NULL,
  chart_popup_popup_padding = NULL,
```

```
chart_popup_popup_radius = NULL,
chart_popup_popup_header_type = NULL,
chart_popup_popup_header_background = NULL,
chart_popup_popup_header_text_color = NULL,
chart_popup_popup_list_type = NULL,
chart_popup_popup_list_label_weight = NULL,
chart_popup_popup_list_separator = NULL,
chart_popup_popup_shadow = NULL,
chart_popup_popup_pointer = NULL,
chart_popup_panel_position = NULL,
chart_popup_panel_open_duration = NULL,
chart_popup_panel_side_fixed = NULL,
chart_popup_panel_side_default_content = NULL,
chart_popup_panel_is_custom = NULL,
chart_popup_show_panel_styles = NULL,
chart_popup_panel_custom_header = NULL,
chart_popup_panel_custom_main = NULL,
chart_popup_panel_width_overlay = NULL,
chart_popup_panel_height_overlay = NULL,
chart_popup_panel_width_side = NULL,
chart_popup_panel_height_side = NULL,
chart_popup_panel_max_width = NULL,
chart_popup_panel_max_height = NULL,
chart_popup_panel_vertical_position = NULL,
chart_popup_panel_text_color = NULL,
chart_popup_panel_font_size = NULL,
chart_popup_panel_align = NULL,
chart_popup_panel_background = NULL,
chart_popup_panel_background_opacity = NULL,
chart_popup_panel_padding = NULL,
chart_popup_panel_radius = NULL,
chart_popup_panel_list_type = NULL,
chart_popup_panel_list_label_weight = NULL,
chart_popup_panel_list_separator = NULL,
chart_popup_panel_shadow = NULL,
popup_type = NULL,
intro_duration = NULL,
intro_ease_range = NULL,
transition_duration = NULL,
chart_number_date_format_prefix = NULL,
chart_number_date_format_suffix = NULL,
chart_number_date_format_n_dec = NULL,
chart_number_date_format_advanced = NULL,
chart_number_date_format_negative_sign = NULL,
chart_number_date_format_strip_zeros = NULL,
chart_number_date_format_strip_separator = NULL,
chart_number_date_format_transform_labels = NULL,
chart_number_date_format_transform = NULL,
```

```
  chart_number_date_format_multiply_divide_constant = NULL,
  chart_number_date_format_exponentiate_constant = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
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  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
```

```
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
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  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
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  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
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  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
```

```
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
mode	Mode. Choices: alluvial, sankey. Flourish type hint: string, defaults to NULL
spread	Spread. Choices: step, column. Flourish type hint: string, defaults to NULL
alignment	Alignment. Choices: justify, center, left, right. Flourish type hint: string, defaults to NULL
sorting_mode	Sorting. Choices: datasheet, name, value, reduce_overlaps. Match sheet sorts based on the order of the categories as they appear in the datasheet. Value sorts by the value of the nodes at each stage. Reduce overlaps reduces the overlapping of links. Flourish type hint: string, defaults to NULL
node_sort_order	Order. Choices: ascending, descending. Flourish type hint: string, defaults to NULL

`iterations` Iterations. Number of iterations of the layout algorithm before the diagram is drawn. The higher the value, the fewer link crossings you will see but the less likely the order is to match that in the datasheet. Flourish type hint: number, defaults to `NULL`

`setup_settings` Advanced. Flourish type hint: boolean, defaults to `NULL`

`node_width` Node width. Flourish type hint: number, defaults to `NULL`

`node_padding` Node spacing. The vertical gap between nodes. Flourish type hint: number, defaults to `NULL`

`top_padding` Margin above. Adds space at the top of the diagram; useful to accommodate any overflowing labels. Flourish type hint: number, defaults to `NULL`

`bottom_padding` Margin below. Adds space at the bottom of the diagram; useful to accommodate any overflowing labels. Flourish type hint: number, defaults to `NULL`

`height_mode` Height mode. Choices: aspect, standard. Whether responsive embeds should set their own height or use the standard responsive Flourish embed heights. Ignored in simple Iframe embeds, Canva and other fixed-height contexts. Flourish type hint: string, defaults to `NULL`

`facet_aspect` Aspect. Aspect ratio of each plot in desktop mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to `NULL`

`chart_facet_columns_fixed`
Grid mode. Choices: `FALSE`, `TRUE`. In Auto mode, the number of columns will change with screen size. Flourish type hint: boolean, defaults to `NULL`

`chart_facet_columns`
Columns. The number of columns in the grid. (If specifying custom positions, extra columns may be added automatically.). Flourish type hint: number, defaults to `NULL`

`chart_facet_min_width`
Min chart width. The minimum width of a chart or cell in the grid. Determines the number of columns. Flourish type hint: number, defaults to `NULL`

`chart_facet_min_width_fixed`
Min chart width. Specify the minimum width of a chart or cell in the grid, below which the Fixed grid will be ignored and it will fall back to responsive Auto mode. Flourish type hint: number, defaults to `NULL`

`chart_facet_custom_grid`
Add custom positions. Specify positions for individual charts in the grid useful for making a map layout. Flourish type hint: boolean, defaults to `NULL`

`chart_facet_custom_positions`
Custom positions. Enter the name of a facet, one per line, using the format: Facet name: row, column where row and column are numbers indicating the grid position where a facet should be positioned. For example, Alaska : 1, 1 Maine : 1, 11 Wisconsin : 2, 6 Flourish type hint: text, defaults to `NULL`

`chart_facet_max_width`
Max chart width. The maximum width of a chart or cell in the grid. Flourish type hint: number, defaults to `NULL`

`chart_facet_gutter_w`
Horizontal margin. Flourish type hint: number, defaults to `NULL`

`chart_facet_gutter_h`
: Vertical margin. Flourish type hint: number, defaults to `NULL`

`chart_facet_animation`
: On data change. Choices: auto, name, reuse. If a chart in the grid is removed, that cell can either be animated out (with another cell moving to take its place) or reused for the new data in that cell. Auto decides for you based on the data. Flourish type hint: string, defaults to `NULL`

`chart_facet_titles`
: Show titles. Flourish type hint: boolean, defaults to `NULL`

`chart_facet_title_align`
: Alignment. Choices: auto, left, center, right. Flourish type hint: string, defaults to `NULL`

`chart_facet_title_size`
: Size. Relative to the width of the chart. Flourish type hint: number, defaults to `NULL`

`chart_facet_title_unit`
: Scale with chart. Choices: rem, facet. Flourish type hint: string, defaults to `NULL`

`chart_facet_title_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_facet_title_padding_top`
: Space above. Flourish type hint: number, defaults to `NULL`

`chart_facet_title_padding_bottom`
: Space below. Flourish type hint: number, defaults to `NULL`

`chart_facet_title_bg`
: Background. Choices: none, full, text. Flourish type hint: string, defaults to `NULL`

`chart_facet_title_bg_color`
: Background color. Flourish type hint: color, defaults to `NULL`

`chart_facet_title_bg_padding`
: Background padding. Horizontal space between text and background. Flourish type hint: number, defaults to `NULL`

`facets_hide_empty`
: Hide empty charts when filtering. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_categorical_palette`
: Palette. Flourish type hint: colors, defaults to `NULL`

`chart_color_scale_categorical_extend`
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_categorical_custom_palette`
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to `NULL`

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

link_opacity
: Link opacity. Flourish type hint: number, defaults to NULL

background_opacity
: Defocused opacity. When a node or link is in focus, this sets the opacity of the links and nodes not in focus. Flourish type hint: number, defaults to NULL

custom_node_color
: Custom node color. Flourish type hint: color, defaults to NULL

links_color_mode
: Links color mode. Choices: node, source, target. Flourish type hint: string, defaults to NULL

label_mode
: Position. Choices: outwards, inwards. Flourish type hint: string, defaults to NULL

label_outwards_max_width
: Space. The max space available for the labels, as a percentage of the chart width. Flourish type hint: number, defaults to NULL

label_color_mode
: Color mode. Choices: auto, fixed. Flourish type hint: string, defaults to NULL

label_color
: Color. Flourish type hint: color, defaults to NULL

label_bold
: Bold. Flourish type hint: boolean, defaults to NULL

label_show_values
: Include values. Flourish type hint: boolean, defaults to NULL

label_show_values_links
: Show link values. Choices: never, focused, always. Flourish type hint: string, defaults to NULL

label_color_links
: Colour. Flourish type hint: color, defaults to NULL

label_outline
: Outline. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

label_outline_width
: Width. As a percent of the font size. Flourish type hint: number, defaults to NULL

label_font_size
: Font size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

label_facet_scaling
: Scale with grid. Sets a max size based on the facet size, regardless of the page width. Flourish type hint: boolean, defaults to NULL

show_node_headings
: Show headings. Enables the labels above each column of nodes in an Alluvial diagram. Flourish type hint: boolean, defaults to NULL

node_headings_bold
: Bold. Flourish type hint: boolean, defaults to NULL

node_headings_font_size
: Font size. Flourish type hint: number, defaults to NULL

node_headings_padding
: Padding. Flourish type hint: number, defaults to NULL

node_headings_max_width
: Max width. Flourish type hint: number, defaults to NULL

node_headings_color
: Color. Flourish type hint: color, defaults to NULL

node_headings_overrides
: Custom overrides. On each line, type the step heading that you want to override, a double colon and then the replacement step heading. For example: 1 :: Phase A 2 :: Phase B. Flourish type hint: text, defaults to NULL

chart_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

`chart_filter_controls_slider_loop`
: Loop. Flourish type hint: boolean, defaults to `NULL`

`chart_filter_controls_slider_restart_pause`
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to `NULL`

`chart_filter_controls_sort`
: Sorting. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`filter_show_all`
: Include "All". Flourish type hint: boolean, defaults to `NULL`

`filter_show_all_text`
: "All" label. Flourish type hint: string, defaults to `NULL`

`chart_controls_style_font_size`
: Text size. Flourish type hint: number, defaults to `NULL`

`chart_controls_style_font_weight`
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to `NULL`

`chart_controls_style_height`
: Height. Flourish type hint: number, defaults to `NULL`

`chart_dropdown_control_style_background`
: Background. Flourish type hint: color, defaults to `NULL`

`chart_dropdown_control_style_font_color`
: Text color. Flourish type hint: color, defaults to `NULL`

`chart_dropdown_control_style_border_styles_advanced`
: Dropdown border styles. Flourish type hint: boolean, defaults to `NULL`

`chart_dropdown_control_style_border_style`
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to `NULL`

`chart_dropdown_control_style_border_width`
: Border width. Flourish type hint: number, defaults to `NULL`

`chart_dropdown_control_style_border_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_dropdown_control_style_border_transparency`
: Transparency. Flourish type hint: number, defaults to `NULL`

`chart_dropdown_control_style_border_radius`
: Radius. Flourish type hint: number, defaults to `NULL`

`chart_button_control_style_background`
: Background. Flourish type hint: color, defaults to `NULL`

`chart_button_control_style_background_selected`
: Selected. Flourish type hint: color, defaults to `NULL`

`chart_button_control_style_background_hover`
: Mouse over. Flourish type hint: color, defaults to `NULL`

`chart_button_control_style_font_color`
: Text color. Flourish type hint: color, defaults to `NULL`

`chart_button_control_style_font_color_selected`
: Selected. Flourish type hint: color, defaults to `NULL`

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
: Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
: Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
: Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
: Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
: Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
: Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
: Play button. Flourish type hint: boolean, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. Use {{LABEL}} to include the Label for the current element. For links, this will show in the format of "Source Target", for nodes this will show the name of the node. For any other selected columns use {{column_name}}. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{# if column_name}}Text to di
For example: {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}
If statements can also be used to show certain content for links only or nodes only. Use {{#if IS_LINK}} or {{#if IS_NODE}} like so: {{#if IS_LINK}} This is a link popup {{/
{{#if IS_NODE}} This is a node popup {{/if}} Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{LABEL}} to include the Label for the current element. For links, this will show in the format of "Source Target", for nodes this will show the name of the node. For any other selected columns use {{column_name}}. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{# if column_name}}Text to display when column_name is not empty{{/if}}. For example: {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}} If statements can also be used to show certain content for links only or nodes only. Use {{#if IS_LINK}} or {{#if IS_NODE}} like so: {{#if IS_LINK}} This is a link popup {{/ {{#if IS_NODE}} This is a node popup {{/if}} Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{LABEL}} to include the Label for the current element. For links, this will show in the format of "Source Target", for nodes this will show the name of the node. For any other selected columns use {{column_name}}. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{# if column_name}}Text to di
For example: {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}
If statements can also be used to show certain content for links only or nodes only. Use {{#if IS_LINK}} or {{#if IS_NODE}} like so: {{#if IS_LINK}} This is a link panel {{/
{{#if IS_NODE}} This is a node panel {{/if}} Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{LABEL}} to include the Label for the current element. For links, this will show in the format of "Source Target", for nodes this will show the name of the node. For any other selected columns use {{column_name}}. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{# if column_name}}Text to display when column_name is not empty{{/if}}.
For example: {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}
If statements can also be used to show certain content for links only or nodes only. Use {{#if IS_LINK}} or {{#if IS_NODE}} like so: {{#if IS_LINK}} This is a link panel {{/
{{#if IS_NODE}} This is a node panel {{/if}} Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

popup_type
: Type. Choices: links, nodes, all. Flourish type hint: string, defaults to NULL

intro_duration
: Duration. Flourish type hint: number, defaults to NULL

intro_ease_range
: Speed variation. When set at zero, all the links are revealed at an even speed. When set above zero, the lines randomly accelerate and decelerate slightly to give a more natural effect. Flourish type hint: number, defaults to NULL

transition_duration
: Duration. In seconds. Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add

{{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher

than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "sankey", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_sankey_data(gapminder) |>
  set_sankey_details()
)
```

---

set_scatter_details *Set scatter chart details*

Description

Set scatter chart details

Usage

```
set_scatter_details(
  .,
  default_color = NULL,
  fill_opacity = NULL,
  default_shape = NULL,
  data_point_default_size = NULL,
  data_point_min_size = NULL,
  data_point_max_size = NULL,
  responsive_dots = NULL,
  stroke_opacity = NULL,
  stroke_width = NULL,
  stroke_mode = NULL,
  stroke_color = NULL,
  render_mode = NULL,
```

```
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  labels_show = NULL,
  labels_selective = NULL,
  label_color_type = NULL,
  label_color = NULL,
  labels_responsive = NULL,
  label_font_size = NULL,
  label_font_size_min = NULL,
  label_font_size_max = NULL,
  label_bg_size = NULL,
  label_max_width = NULL,
  label_align = NULL,
  label_x_offset = NULL,
  label_y_offset = NULL,
  height_mode = NULL,
  facet_aspect = NULL,
  facet_aspect_mobile = NULL,
  chart_background_background_color_enabled = NULL,
  chart_background_background_image_enabled = NULL,
  chart_background_background_color = NULL,
  chart_background_background_image_src = NULL,
  chart_background_background_image_size = NULL,
  chart_background_background_image_position = NULL,
```

```
  margin_top = NULL,
  margin_right = NULL,
  margin_bottom = NULL,
  margin_left = NULL,
  facet_fixed_cols = NULL,
  facet_min_w = NULL,
  facet_cols = NULL,
  facet_gutter_w = NULL,
  facet_gutter_h = NULL,
  facet_header_font_size = NULL,
  facet_title_align = NULL,
  facet_header_color = NULL,
  lines_show = NULL,
  line_width = NULL,
  line_curve = NULL,
  line_opacity = NULL,
  line_color_mode = NULL,
  line_per_facet = NULL,
  line_color = NULL,
  line_arrows = NULL,
  line_arrow_size = NULL,
  line_arrow_color_mode = NULL,
  line_arrow_color = NULL,
  x_matching = NULL,
  x_single_row = NULL,
  chart_x_axis_axis_position = NULL,
  chart_x_axis_y_axis_position = NULL,
  chart_x_axis_numeric_scale_type = NULL,
  chart_x_axis_linear_min = NULL,
  chart_x_axis_linear_max = NULL,
  chart_x_axis_log_min = NULL,
  chart_x_axis_log_max = NULL,
  chart_x_axis_datetime_min = NULL,
  chart_x_axis_datetime_max = NULL,
  chart_x_axis_flip = NULL,
  chart_x_axis_show_scale_settings = NULL,
  chart_x_axis_nice = NULL,
  chart_x_axis_zero_axis = NULL,
  chart_x_axis_title_mode = NULL,
  chart_x_axis_title = NULL,
  chart_x_axis_title_styling = NULL,
  chart_x_axis_title_weight = NULL,
  chart_x_axis_title_color = NULL,
  chart_x_axis_title_size = NULL,
  chart_x_axis_title_padding = NULL,
  chart_x_axis_tick_label_position = NULL,
  chart_x_axis_tick_label_styling = NULL,
  chart_x_axis_tick_label_size = NULL,
```

```
chart_x_axis_tick_label_color = NULL,
chart_x_axis_tick_padding = NULL,
chart_x_axis_tick_label_angle = NULL,
chart_x_axis_tick_label_weight = NULL,
chart_x_axis_tick_label_max_lines = NULL,
chart_x_axis_tick_label_line_height = NULL,
chart_x_axis_tick_label_space_mode = NULL,
chart_x_axis_tick_label_space = NULL,
chart_x_axis_tick_mode = NULL,
chart_x_axis_tick_number = NULL,
chart_x_axis_tick_custom = NULL,
chart_x_axis_line_and_tick_color = NULL,
chart_x_axis_line_and_tick_width = NULL,
chart_x_axis_tick_length = NULL,
chart_x_axis_tick_side = NULL,
chart_x_axis_line_visible = NULL,
chart_x_axis_edge_padding = NULL,
chart_x_axis_gridlines_visible = NULL,
chart_x_axis_gridlines_styling = NULL,
chart_x_axis_gridline_color = NULL,
chart_x_axis_gridline_style = NULL,
chart_x_axis_gridline_width = NULL,
chart_x_axis_gridline_category_dividers = NULL,
chart_x_axis_gridline_category_dividers_extend = NULL,
chart_x_axis_number_date_format_prefix = NULL,
chart_x_axis_number_date_format_suffix = NULL,
chart_x_axis_number_date_format_n_dec = NULL,
chart_x_axis_number_date_format_advanced = NULL,
chart_x_axis_number_date_format_negative_sign = NULL,
chart_x_axis_number_date_format_strip_zeros = NULL,
chart_x_axis_number_date_format_strip_separator = NULL,
chart_x_axis_number_date_format_transform_labels = NULL,
chart_x_axis_number_date_format_transform = NULL,
chart_x_axis_number_date_format_multiply_divide_constant = NULL,
chart_x_axis_number_date_format_exponentiate_constant = NULL,
y_matching = NULL,
y_single_col = NULL,
chart_y_axis_axis_visible = NULL,
chart_y_axis_numeric_scale_type = NULL,
chart_y_axis_linear_min = NULL,
chart_y_axis_linear_max = NULL,
chart_y_axis_log_min = NULL,
chart_y_axis_log_max = NULL,
chart_y_axis_datetime_min = NULL,
chart_y_axis_datetime_max = NULL,
chart_y_axis_flip = NULL,
chart_y_axis_show_scale_settings = NULL,
chart_y_axis_nice = NULL,
```

```
  chart_y_axis_zero_axis = NULL,
  chart_y_axis_title_mode = NULL,
  chart_y_axis_title = NULL,
  chart_y_axis_title_styling = NULL,
  chart_y_axis_title_position = NULL,
  chart_y_axis_title_weight = NULL,
  chart_y_axis_title_color = NULL,
  chart_y_axis_title_size = NULL,
  chart_y_axis_title_padding = NULL,
  chart_y_axis_tick_label_position = NULL,
  chart_y_axis_tick_label_styling = NULL,
  chart_y_axis_tick_label_size = NULL,
  chart_y_axis_tick_label_color = NULL,
  chart_y_axis_tick_padding = NULL,
  chart_y_axis_tick_label_angle = NULL,
  chart_y_axis_tick_label_weight = NULL,
  chart_y_axis_tick_label_max_lines = NULL,
  chart_y_axis_tick_label_line_height = NULL,
  chart_y_axis_tick_label_space_mode = NULL,
  chart_y_axis_tick_label_space = NULL,
  chart_y_axis_tick_mode = NULL,
  chart_y_axis_tick_number = NULL,
  chart_y_axis_tick_custom = NULL,
  chart_y_axis_line_and_tick_color = NULL,
  chart_y_axis_line_and_tick_width = NULL,
  chart_y_axis_tick_length = NULL,
  chart_y_axis_tick_side = NULL,
  chart_y_axis_line_visible = NULL,
  chart_y_axis_edge_padding = NULL,
  chart_y_axis_gridlines_visible = NULL,
  chart_y_axis_gridlines_styling = NULL,
  chart_y_axis_gridline_color = NULL,
  chart_y_axis_gridline_style = NULL,
  chart_y_axis_gridline_width = NULL,
  chart_y_axis_gridline_category_dividers = NULL,
  chart_y_axis_gridline_category_dividers_extend = NULL,
  chart_y_axis_number_date_format_prefix = NULL,
  chart_y_axis_number_date_format_suffix = NULL,
  chart_y_axis_number_date_format_n_dec = NULL,
  chart_y_axis_number_date_format_advanced = NULL,
  chart_y_axis_number_date_format_negative_sign = NULL,
  chart_y_axis_number_date_format_strip_zeros = NULL,
  chart_y_axis_number_date_format_strip_separator = NULL,
  chart_y_axis_number_date_format_transform_labels = NULL,
  chart_y_axis_number_date_format_transform = NULL,
  chart_y_axis_number_date_format_multiply_divide_constant = NULL,
  chart_y_axis_number_date_format_exponentiate_constant = NULL,
  legend_position = NULL,
```

```
  legend_filtering_mode = NULL,
  chart_legend_container_alignment = NULL,
  chart_legend_container_orientation = NULL,
  chart_legend_container_title_weight = NULL,
  chart_legend_container_text_weight = NULL,
  chart_legend_container_text_color = NULL,
  chart_legend_container_text_size = NULL,
  chart_categorical_legend_show_legend = NULL,
  chart_categorical_legend_title_mode = NULL,
  chart_categorical_legend_title = NULL,
  chart_categorical_legend_swatch_width = NULL,
  chart_categorical_legend_swatch_height = NULL,
  chart_categorical_legend_swatch_radius = NULL,
  chart_categorical_legend_legend_items_padding = NULL,
  chart_categorical_legend_swatch_outline = NULL,
  chart_categorical_legend_swatch_outline_color = NULL,
  chart_categorical_legend_order_override = NULL,
  chart_categorical_legend_icon_height = NULL,
  chart_categorical_legend_icon_color = NULL,
  chart_categorical_legend_max_width = NULL,
  chart_categorical_legend_orientation = NULL,
  chart_continous_legend_show_legend = NULL,
  chart_continous_legend_title_mode = NULL,
  chart_continous_legend_title = NULL,
  chart_continous_legend_color_band_width = NULL,
  chart_continous_legend_color_band_height = NULL,
  chart_continous_legend_color_band_radius = NULL,
  chart_continous_legend_binned_label_mode = NULL,
  chart_continous_legend_binned_label_custom = NULL,
  chart_continous_legend_legend_min = NULL,
  chart_continous_legend_additional_min_label = NULL,
  chart_continous_legend_legend_max = NULL,
  chart_continous_legend_additional_max_label = NULL,
  text_legend = NULL,
  text_legend_title = NULL,
  text_legend_subtitle = NULL,
  text_legend_bold = NULL,
  chart_number_date_format_prefix = NULL,
  chart_number_date_format_suffix = NULL,
  chart_number_date_format_n_dec = NULL,
  chart_number_date_format_advanced = NULL,
  chart_number_date_format_negative_sign = NULL,
  chart_number_date_format_strip_zeros = NULL,
  chart_number_date_format_strip_separator = NULL,
  chart_number_date_format_transform_labels = NULL,
  chart_number_date_format_transform = NULL,
  chart_number_date_format_multiply_divide_constant = NULL,
  chart_number_date_format_exponentiate_constant = NULL,
```

```
  chart_popup_mode = NULL,
  chart_popup_popup_is_custom = NULL,
  chart_popup_show_popup_styles = NULL,
  chart_popup_popup_custom_header = NULL,
  chart_popup_popup_custom_main = NULL,
  chart_popup_popup_custom_accessible = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
  chart_popup_popup_text_color = NULL,
  chart_popup_popup_align = NULL,
  chart_popup_popup_background = NULL,
  chart_popup_popup_background_opacity = NULL,
  chart_popup_popup_padding = NULL,
  chart_popup_popup_radius = NULL,
  chart_popup_popup_header_type = NULL,
  chart_popup_popup_header_background = NULL,
  chart_popup_popup_header_text_color = NULL,
  chart_popup_popup_list_type = NULL,
  chart_popup_popup_list_label_weight = NULL,
  chart_popup_popup_list_separator = NULL,
  chart_popup_popup_shadow = NULL,
  chart_popup_popup_pointer = NULL,
  chart_popup_panel_position = NULL,
  chart_popup_panel_open_duration = NULL,
  chart_popup_panel_side_fixed = NULL,
  chart_popup_panel_side_default_content = NULL,
  chart_popup_panel_is_custom = NULL,
  chart_popup_show_panel_styles = NULL,
  chart_popup_panel_custom_header = NULL,
  chart_popup_panel_custom_main = NULL,
  chart_popup_panel_width_overlay = NULL,
  chart_popup_panel_height_overlay = NULL,
  chart_popup_panel_width_side = NULL,
  chart_popup_panel_height_side = NULL,
  chart_popup_panel_max_width = NULL,
  chart_popup_panel_max_height = NULL,
  chart_popup_panel_vertical_position = NULL,
  chart_popup_panel_text_color = NULL,
  chart_popup_panel_font_size = NULL,
  chart_popup_panel_align = NULL,
  chart_popup_panel_background = NULL,
  chart_popup_panel_background_opacity = NULL,
  chart_popup_panel_padding = NULL,
  chart_popup_panel_radius = NULL,
  chart_popup_panel_list_type = NULL,
  chart_popup_panel_list_label_weight = NULL,
  chart_popup_panel_list_separator = NULL,
  chart_popup_panel_shadow = NULL,
```

```
chart_filter_controls_control_type = NULL,
chart_filter_controls_control_styles = NULL,
chart_filter_controls_control_title = NULL,
chart_filter_controls_button_group = NULL,
chart_filter_controls_button_group_width_mode = NULL,
chart_filter_controls_button_group_width_fixed = NULL,
chart_filter_controls_dropdown_width_mode = NULL,
chart_filter_controls_dropdown_width_fixed = NULL,
chart_filter_controls_slider_width = NULL,
chart_filter_controls_slider_max_label_width = NULL,
chart_filter_controls_slider_step_time = NULL,
chart_filter_controls_slider_loop = NULL,
chart_filter_controls_slider_restart_pause = NULL,
chart_filter_controls_sort = NULL,
filter_show_all = NULL,
filter_show_all_text = NULL,
filter_updates_axes = NULL,
slider_updates_axes = NULL,
time_label_show = NULL,
time_label_color = NULL,
time_label_opacity = NULL,
time_label_font_size = NULL,
chart_slider_filter_controls_control_type = NULL,
chart_slider_filter_controls_control_styles = NULL,
chart_slider_filter_controls_control_title = NULL,
chart_slider_filter_controls_button_group = NULL,
chart_slider_filter_controls_button_group_width_mode = NULL,
chart_slider_filter_controls_button_group_width_fixed = NULL,
chart_slider_filter_controls_dropdown_width_mode = NULL,
chart_slider_filter_controls_dropdown_width_fixed = NULL,
chart_slider_filter_controls_slider_width = NULL,
chart_slider_filter_controls_slider_max_label_width = NULL,
chart_slider_filter_controls_slider_step_time = NULL,
chart_slider_filter_controls_slider_loop = NULL,
chart_slider_filter_controls_slider_restart_pause = NULL,
chart_slider_filter_controls_sort = NULL,
chart_filter_controls_container_alignment = NULL,
chart_filter_controls_container_controls_spacing = NULL,
chart_controls_style_font_size = NULL,
chart_controls_style_font_weight = NULL,
chart_controls_style_height = NULL,
chart_dropdown_control_style_background = NULL,
chart_dropdown_control_style_font_color = NULL,
chart_dropdown_control_style_border_styles_advanced = NULL,
chart_dropdown_control_style_border_style = NULL,
chart_dropdown_control_style_border_width = NULL,
chart_dropdown_control_style_border_color = NULL,
chart_dropdown_control_style_border_transparency = NULL,
```

```
    chart_dropdown_control_style_border_radius = NULL,
    chart_button_control_style_background = NULL,
    chart_button_control_style_background_selected = NULL,
    chart_button_control_style_background_hover = NULL,
    chart_button_control_style_font_color = NULL,
    chart_button_control_style_font_color_selected = NULL,
    chart_button_control_style_font_color_hover = NULL,
    chart_button_control_style_button_styles_advanced = NULL,
    chart_button_control_style_border_width = NULL,
    chart_button_control_style_border_color = NULL,
    chart_button_control_style_border_transparency = NULL,
    chart_button_control_style_border_radius = NULL,
    chart_slider_control_style_track_color = NULL,
    chart_slider_control_style_font_color = NULL,
    chart_slider_control_style_handle_color = NULL,
    chart_slider_control_style_play_color = NULL,
    chart_slider_control_style_track_height = NULL,
    chart_slider_control_style_handle_height = NULL,
    chart_slider_control_style_play_button = NULL,
    fit_type = NULL,
    fit_force_origin = NULL,
    fit_line_width = NULL,
    fit_line_dash = NULL,
    fit_line_color = NULL,
    beeswarm_plot = NULL,
    box_plot = NULL,
    box_color = NULL,
    box_opacity = NULL,
    box_line_color = NULL,
    box_line_width = NULL,
    box_whisker_type = NULL,
    box_whisker_multiplier = NULL,
    use_box_popup = NULL,
    box_first_quartile_text = NULL,
    box_median_text = NULL,
    box_third_quartile_text = NULL,
    violin_plot = NULL,
    violin_bandwidth = NULL,
    violin_samples = NULL,
    violin_color = NULL,
    violin_opacity = NULL,
    violin_sizing = NULL,
    chart_axes_highlights_x_enabled = NULL,
    chart_axes_highlights_x_lines = NULL,
    chart_axes_highlights_x_line_color = NULL,
    chart_axes_highlights_x_line_width = NULL,
    chart_axes_highlights_x_line_dash = NULL,
    chart_axes_highlights_x_areas = NULL,
```

```
chart_axes_highlights_x_area_color = NULL,
chart_axes_highlights_x_area_opacity = NULL,
chart_axes_highlights_x_area_texture = NULL,
chart_axes_highlights_x_label_vertical = NULL,
chart_axes_highlights_x_label_y_position = NULL,
chart_axes_highlights_x_label_x_position = NULL,
chart_axes_highlights_x_label_max_width = NULL,
chart_axes_highlights_x_font_size = NULL,
chart_axes_highlights_x_font_weight = NULL,
chart_axes_highlights_x_label_color = NULL,
chart_axes_highlights_x_shadow_color = NULL,
chart_axes_highlights_x_shadow_enabled = NULL,
chart_axes_highlights_y_enabled = NULL,
chart_axes_highlights_y_lines = NULL,
chart_axes_highlights_y_line_color = NULL,
chart_axes_highlights_y_line_width = NULL,
chart_axes_highlights_y_line_dash = NULL,
chart_axes_highlights_y_areas = NULL,
chart_axes_highlights_y_area_color = NULL,
chart_axes_highlights_y_area_opacity = NULL,
chart_axes_highlights_y_area_texture = NULL,
chart_axes_highlights_y_label_x_position = NULL,
chart_axes_highlights_y_label_y_position = NULL,
chart_axes_highlights_y_label_max_width = NULL,
chart_axes_highlights_y_font_size = NULL,
chart_axes_highlights_y_font_weight = NULL,
chart_axes_highlights_y_label_color = NULL,
chart_axes_highlights_y_shadow_color = NULL,
chart_axes_highlights_y_shadow_enabled = NULL,
annotations_styling = NULL,
chart_annotations_defaults_text_weight = NULL,
chart_annotations_defaults_text_size = NULL,
chart_annotations_defaults_text_color = NULL,
chart_annotations_defaults_label_width = NULL,
chart_annotations_defaults_text_background_mode = NULL,
chart_annotations_defaults_text_bg = NULL,
chart_annotations_defaults_label_bg = NULL,
chart_annotations_defaults_text_alignment = NULL,
chart_annotations_defaults_popup_position = NULL,
chart_annotations_defaults_line_marker = NULL,
chart_annotations_defaults_stroke_width = NULL,
chart_annotations_defaults_stroke_color = NULL,
chart_annotations_defaults_connector_extend_line = NULL,
animation_duration = NULL,
animation_stagger = NULL,
line_animate_in = NULL,
line_animate_out = NULL,
chart_layout_body_font = NULL,
```

```
    chart_layout_font_color = NULL,
    chart_layout_background_color_enabled = NULL,
    chart_layout_background_image_enabled = NULL,
    chart_layout_background_color = NULL,
    chart_layout_background_image_src = NULL,
    chart_layout_background_image_size = NULL,
    chart_layout_background_image_position = NULL,
    chart_layout_max_width_target = NULL,
    chart_layout_max_width = NULL,
    chart_layout_max_width_align = NULL,
    chart_layout_layout_order = NULL,
    chart_layout_space_between_sections = NULL,
    chart_layout_space_between_sections_custom = NULL,
    chart_layout_margin_top = NULL,
    chart_layout_margin_right = NULL,
    chart_layout_margin_bottom = NULL,
    chart_layout_margin_left = NULL,
    chart_layout_border_enabled = NULL,
    chart_layout_border_top_width = NULL,
    chart_layout_border_top_style = NULL,
    chart_layout_border_top_color = NULL,
    chart_layout_border_right_width = NULL,
    chart_layout_border_right_style = NULL,
    chart_layout_border_right_color = NULL,
    chart_layout_border_bottom_width = NULL,
    chart_layout_border_bottom_style = NULL,
    chart_layout_border_bottom_color = NULL,
    chart_layout_border_left_width = NULL,
    chart_layout_border_left_style = NULL,
    chart_layout_border_left_color = NULL,
    chart_layout_read_direction = NULL,
    chart_layout_font_size_mobile_small = NULL,
    chart_layout_font_size_mobile_big = NULL,
    chart_layout_font_size_tablet = NULL,
    chart_layout_font_size_desktop = NULL,
    chart_layout_font_size_big_screen = NULL,
    chart_layout_breakpoint_mobile_small = NULL,
    chart_layout_breakpoint_mobile_big = NULL,
    chart_layout_breakpoint_tablet = NULL,
    chart_layout_breakpoint_desktop = NULL,
    chart_layout_breakpoint_big_screen = NULL,
    chart_layout_header_align = NULL,
    chart_layout_title = NULL,
    chart_layout_title_styling = NULL,
    chart_layout_title_font = NULL,
    chart_layout_title_size = NULL,
    chart_layout_title_size_custom = NULL,
    chart_layout_title_weight = NULL,
```

```
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
```

```
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL,
  chart_url_settings_enabled = NULL,
  chart_url_settings_whitelist = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
default_color	Default color. Used when Color column is unspecified. Flourish type hint: color, defaults to NULL
fill_opacity	Dot opacity. Flourish type hint: number, defaults to NULL
default_shape	Default shape. Choices: circle, cross, diamond, square, star, triangle, wye. Used when Shape column is unspecified or empty. Flourish type hint: string, defaults to NULL
data_point_default_size	Size. In pixel area. Only used when Size column is unspecified or empty. Subject to scaling with the chart size (see setting below). Flourish type hint: number, defaults to NULL
data_point_min_size	Min size. In pixel area. Used when you have a Size column selected. Subject to scaling with the chart size. Flourish type hint: number, defaults to NULL

`data_point_max_size`
: Max size. In pixel area. Used when you have a Size column selected. Subject to scaling with the chart size. Flourish type hint: number, defaults to `NULL`

`responsive_dots`
: Scale dots based on chart size. Makes the dots get bigger or smaller relative to the chart size. Turn off to specify a fixed size regardless of chart size. Flourish type hint: boolean, defaults to `NULL`

`stroke_opacity`
: Outline opacity. Flourish type hint: number, defaults to `NULL`

`stroke_width`
: Outline width. Flourish type hint: number, defaults to `NULL`

`stroke_mode`
: Outline mode. Choices: auto, fixed. Choose Auto for outline color to match dot color. Choose Fixed to give all dots a uniform outline color. Flourish type hint: string, defaults to `NULL`

`stroke_color`
: Outline color. Flourish type hint: color, defaults to `NULL`

`render_mode`
: Renderer. Choices: svg, webgl. In most cases you should only need SVG, but you may want to choose WebGL if you have a lot of data or you notice your chart is running slowly on your device. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_categorical_palette`
: Palette. Flourish type hint: colors, defaults to `NULL`

`chart_color_scale_categorical_extend`
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_categorical_custom_palette`
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to `NULL`

`chart_color_scale_numeric_type`
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_binning`
: Choices: `FALSE`, `TRUE`. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_bin_mode`
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_bin_count`
: Number of bins. Flourish type hint: number, defaults to `NULL`

`chart_color_scale_bin_thresholds`
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For

"5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

labels_show
: Show labels on points. Labels only show up if you have designated a Name column in the data tab. Flourish type hint: boolean, defaults to NULL

labels_selective
: Labels to show. Choices: FALSE, TRUE. To show labels selectively, turn on this option and then make a story In the story editor, click on dots to hide/show the labels. Flourish type hint: boolean, defaults to NULL

label_color_type
: Label color. Choices: auto, match, fixed. Flourish type hint: string, defaults to NULL

label_color
: Fixed. Flourish type hint: color, defaults to NULL

labels_responsive
: Scale label. Choices: chart, data, none. Choose between no scale, scale by chart size, or try to fit the label in the data point. Flourish type hint: string, defaults to NULL

label_font_size
: Font size. Flourish type hint: number, defaults to NULL

label_font_size_min
: Min font size. Flourish type hint: number, defaults to NULL

label_font_size_max
: Max font size. Flourish type hint: number, defaults to NULL

label_bg_size
: Shadow size. As percent of font size. Flourish type hint: number, defaults to NULL

label_max_width
: Max width. Flourish type hint: number, defaults to NULL

label_align
: Alignment. Choices: auto, start, middle, end. Align the text at the start, middle or end of the data point. Flourish type hint: string, defaults to NULL

label_x_offset
: Offset. Choices: top, next. Place labels on top of or next to the data point. Flourish type hint: string, defaults to NULL

label_y_offset
: Offset. Choices: top, above, below. Place labels on top of or next to the data point. Flourish type hint: string, defaults to NULL

height_mode
: Sizing mode. Choices: auto, fill_space, aspect. In Fill space mode the graphic will fill the container (which by default will be the the standard Flourish responsive chart size). In Aspect ratio mode, you set the aspect ratio of the plot, and the container will be updated to accommodate it (not supported when embedded in a simple fixed-height iframe). Flourish type hint: string, defaults to NULL

facet_aspect
: Aspect (desktop). Aspect ratio of each plot in desktop mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL

facet_aspect_mobile
: Aspect (mobile). Aspect of each plot in mobile mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL

chart_background_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_background_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_background_background_color
: Color. Flourish type hint: color, defaults to NULL

chart_background_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_background_background_image_size
: Size. Choices: stretch, slice, meet. Flourish type hint: string, defaults to NULL

chart_background_background_image_position
: Position. Choices: x_min_y_min, x_mid_y_min, x_max_y_min, x_max_y_mid, x_mid_y_mid, x_min_y_max, x_mid_y_max, x_max_y_max. Flourish type hint: string, defaults to NULL

margin_top
: Top. Flourish type hint: number, defaults to NULL

margin_right
: Right. Flourish type hint: number, defaults to NULL

margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

margin_left
: Left. Flourish type hint: number, defaults to NULL

facet_fixed_cols
: Fixed number of columns in grid. Flourish type hint: boolean, defaults to NULL

facet_min_w
: Min chart width. Determines how many columns of charts there should be in the grid. Ignored if you specify a fixed number of columns. Flourish type hint: number, defaults to NULL

facet_cols
: Number of columns in grid. Flourish type hint: number, defaults to NULL

facet_gutter_w
: Horizontal. In rems. Flourish type hint: number, defaults to NULL

facet_gutter_h
: Vertical. In rems. Flourish type hint: number, defaults to NULL

facet_header_font_size
: Text size. In rems. Flourish type hint: number, defaults to NULL

facet_title_align
: Alignment. Choices: auto, left, center. Flourish type hint: string, defaults to NULL

facet_header_color
: Color. Flourish type hint: color, defaults to NULL

lines_show
: Shows lines. Flourish type hint: boolean, defaults to NULL

line_width
: Line width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

line_curve
: Line style. Choices: curve_linear, curve_natural. Flourish type hint: string, defaults to NULL

line_opacity
: Line opacity. Flourish type hint: number, defaults to NULL

line_color_mode
: Line color. Choices: by_dot, fixed. When set to Match dots the lines will be the same as the first dot in the line. Flourish type hint: string, defaults to NULL

line_per_facet
: Lock lines to axes. Disable to allow lines to run between or animate between facets. Flourish type hint: boolean, defaults to NULL

line_color
: Color. Flourish type hint: color, defaults to NULL

line_arrows
: Arrow heads on lines. Flourish type hint: boolean, defaults to NULL

line_arrow_size
: Size. Flourish type hint: number, defaults to NULL

line_arrow_color_mode
: Color mode. Choices: auto, fixed. Flourish type hint: string, defaults to NULL

line_arrow_color
: Color. Flourish type hint: color, defaults to NULL

x_matching
: Matching x axis across grid of charts. Flourish type hint: boolean, defaults to NULL

x_single_row
: Only show x axis on first column of grid. Flourish type hint: boolean, defaults to NULL

chart_x_axis_axis_position
: Position. Choices: bottom, float-below, float-above, top, off. Flourish type hint: string, defaults to NULL

chart_x_axis_y_axis_position
: Y value. Vertical position of the X axis on the Y scale. Flourish type hint: string, defaults to NULL

chart_x_axis_numeric_scale_type
: Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_x_axis_linear_min
: Min. Flourish type hint: number, defaults to NULL

chart_x_axis_linear_max
: Max. Flourish type hint: number, defaults to NULL

chart_x_axis_log_min
: Min. Flourish type hint: number, defaults to NULL

chart_x_axis_log_max
: Max. Flourish type hint: number, defaults to NULL

chart_x_axis_datetime_min
: Min (date). Flourish type hint: string, defaults to NULL

chart_x_axis_datetime_max
: Max (date). Flourish type hint: string, defaults to NULL

chart_x_axis_flip
: Flip axis. Flourish type hint: boolean, defaults to NULL

chart_x_axis_show_scale_settings
: Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_nice
: Round min/max. Choices: TRUE, FALSE. Enabling this option rounds the X axis start and end values to tidy numbers, such as 0, 50, 100 or whole years. Specified min and max values will override this feature. Flourish type hint: boolean, defaults to NULL

chart_x_axis_zero_axis
: Include zero. Choices: auto, on, off. Enable to extend the axis to include zero, even when data is all positive or all negative. This is ignored if you set specific min and max scale values. Flourish type hint: string, defaults to NULL

chart_x_axis_title_mode
: Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_x_axis_title
: Text. Flourish type hint: string, defaults to NULL

chart_x_axis_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_position
: Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_space
: Space. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_mode
: Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_x_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_x_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_side
: Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_x_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_x_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_x_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_x_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_x_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_category_dividers_extend
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_x_axis_number_date_format_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_x_axis_number_date_format_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_x_axis_number_date_format_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_x_axis_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_x_axis_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_x_axis_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_x_axis_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_x_axis_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_x_axis_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_x_axis_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_x_axis_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

y_matching
: Matching y axis across grid of charts. Flourish type hint: boolean, defaults to NULL

y_single_col
: Only show Y axis on first column of grid. Flourish type hint: boolean, defaults to NULL

chart_y_axis_axis_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_numeric_scale_type
: Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_y_axis_linear_min
: Min. Flourish type hint: number, defaults to NULL

chart_y_axis_linear_max
: Max. Flourish type hint: number, defaults to NULL

chart_y_axis_log_min
: Min. Flourish type hint: number, defaults to NULL

chart_y_axis_log_max
: Max. Flourish type hint: number, defaults to NULL

chart_y_axis_datetime_min
: Min (date). Flourish type hint: string, defaults to NULL

chart_y_axis_datetime_max
: Max (date). Flourish type hint: string, defaults to NULL

chart_y_axis_flip
: Flip axis. Flourish type hint: boolean, defaults to NULL

chart_y_axis_show_scale_settings
: Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_y_axis_nice
: Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Flourish type hint: boolean, defaults to NULL

chart_y_axis_zero_axis
: Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Flourish type hint: string, defaults to NULL

chart_y_axis_title_mode
: Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_y_axis_title
: Text. Flourish type hint: string, defaults to NULL

chart_y_axis_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_title_position
: Position. Choices: side, end. Flourish type hint: string, defaults to NULL

chart_y_axis_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_y_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_position
: Position. Choices: default, above, below. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_space
: Space. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_mode
: Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_y_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_y_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_side
: Side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_y_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_y_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_y_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_y_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_y_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Ignored for date and numeric axes. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridline_category_dividers_extend
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_y_axis_number_date_format_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_y_axis_number_date_format_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_y_axis_number_date_format_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_y_axis_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_y_axis_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_y_axis_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_y_axis_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_y_axis_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_y_axis_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_y_axis_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_y_axis_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

legend_position
: Legend position. Choices: above, below, off. The legend position relative to the chart. A legend will not show with a single entry. Flourish type hint: string, defaults to NULL

legend_filtering_mode
: Clickable legend. Choices: filter_out, filter_in, off. When a legend item is clicked on, the corresponding dots can either be hidden or shown. This option can also be turned off. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_continous_legend_show_legend
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_continous_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_continous_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_continous_legend_color_band_width
: Width. Flourish type hint: number, defaults to NULL

chart_continous_legend_color_band_height
: Height. Flourish type hint: number, defaults to NULL

chart_continous_legend_color_band_radius
: Roundness. The radius of the corners of the color band (in pixels). Flourish type hint: number, defaults to NULL

chart_continous_legend_binned_label_mode
: Binned label mode. Choices: thresholds, centers, custom. Flourish type hint: string, defaults to NULL

chart_continous_legend_binned_label_custom
: Custom bin labels. List numeric values, separated by semi-colons. Flourish type hint: string, defaults to NULL

chart_continous_legend_legend_min
: Legend min. Flourish type hint: number, defaults to NULL

chart_continous_legend_additional_min_label
: Custom min label. Flourish type hint: string, defaults to NULL

chart_continous_legend_legend_max
: Legend max. Flourish type hint: number, defaults to NULL

chart_continous_legend_additional_max_label
: Custom max label. Flourish type hint: string, defaults to NULL

text_legend
: Choices: auto, custom, off. Flourish type hint: string, defaults to NULL

text_legend_title
: Title. Flourish type hint: boolean, defaults to NULL

text_legend_subtitle
: Subtitle. Flourish type hint: boolean, defaults to NULL

text_legend_bold
: Bold. If checked, always use bold for colored items. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI
If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide

parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}.
Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`filter_show_all`
: Include "All". Flourish type hint: boolean, defaults to `NULL`

`filter_show_all_text`
: "All" label. Flourish type hint: string, defaults to `NULL`

`filter_updates_axes`
: Update axes when filtering. Choices: off, x, y, both. Flourish type hint: string, defaults to `NULL`

`slider_updates_axes`
: Update axes when using slider. Choices: off, x, y, both. Flourish type hint: string, defaults to `NULL`

`time_label_show`
: Show time label. Flourish type hint: boolean, defaults to `NULL`

`time_label_color`
: Color. Flourish type hint: color, defaults to `NULL`

`time_label_opacity`
: Opacity. Flourish type hint: number, defaults to `NULL`

`time_label_font_size`
: Size. As a percent of the default size; the actual size scales with the chart. Flourish type hint: number, defaults to `NULL`

`chart_slider_filter_controls_control_type`
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to `NULL`

`chart_slider_filter_controls_control_styles`
: Adv. Flourish type hint: boolean, defaults to `NULL`

`chart_slider_filter_controls_control_title`
: Control title. Flourish type hint: string, defaults to `NULL`

`chart_slider_filter_controls_button_group`
: Grouped. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_slider_filter_controls_button_group_width_mode`
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to `NULL`

`chart_slider_filter_controls_button_group_width_fixed`
: Width. Flourish type hint: number, defaults to `NULL`

`chart_slider_filter_controls_dropdown_width_mode`
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to `NULL`

`chart_slider_filter_controls_dropdown_width_fixed`
: Width. Flourish type hint: number, defaults to `NULL`

`chart_slider_filter_controls_slider_width`
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to `NULL`

`chart_slider_filter_controls_slider_max_label_width`
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to `NULL`

chart_slider_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_slider_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_slider_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_slider_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
: Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_controls_style_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
: Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
: Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
: Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
: Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
: Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
: Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
: Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
: Play button. Flourish type hint: boolean, defaults to NULL

fit_type
: Lines to show. Choices: none, both, color, chart, all. Flourish type hint: string, defaults to NULL

fit_force_origin
: Force line through origin. Flourish type hint: boolean, defaults to NULL

fit_line_width
: Width. Flourish type hint: number, defaults to NULL

fit_line_dash
: Dash. Flourish type hint: number, defaults to NULL

fit_line_color
: Color. Flourish type hint: color, defaults to NULL

beeswarm_plot
: Show beeswarm when plotting one numerical and one categorical axis. Choices: TRUE, FALSE. Auto mode will make a beeswarm unless there are more than 5000 points in the dataset. Note: Performance will be reduced with thousands of rows due to the nature of how beeswarm positions are computed. Flourish type hint: boolean, defaults to NULL

box_plot
: Show box plot when plotting one numerical and one categorical axis. Choices: TRUE, FALSE. To learn more about box plots see here. Flourish type hint: boolean, defaults to NULL

box_color Box color. Flourish type hint: color, defaults to NULL

box_opacity Box opacity. Flourish type hint: number, defaults to NULL

box_line_color Line color. Flourish type hint: color, defaults to NULL

box_line_width Line width. Flourish type hint: number, defaults to NULL

box_whisker_type
: Whisker type. Choices: tukey, all. Flourish type hint: string, defaults to NULL

box_whisker_multiplier
: Max whisker length (number of IQRs). Maximum distance whiskers should extend out from the box as a multiple of the interquartile range. 1.5 is John Tukeys classsic value. Flourish type hint: number, defaults to NULL

use_box_popup Box popup. If enabled, shows a popup for the box describing the first quartile, median, and third quartile. The user will not be able to access the popups for the points underneath the box. Flourish type hint: boolean, defaults to NULL

box_first_quartile_text
: First quartile. Flourish type hint: string, defaults to NULL

box_median_text
: Median. Flourish type hint: string, defaults to NULL

box_third_quartile_text
: Third quartile. Flourish type hint: string, defaults to NULL

violin_plot Show violin plot when plotting one numerical and one categorical axis. Choices: TRUE, FALSE. To learn more about violin plots see here. Flourish type hint: boolean, defaults to NULL

violin_bandwidth
: Bandwidth. The bandwidth in a violin plot determines the degree of smoothing applied to the probability density function estimating the shape of the plot. Generally, larger bandwidth values create a smoother plot with less detail, while smaller values create a more precise plot with more detail. Flourish type hint: number, defaults to NULL

violin_samples No. of samples. Number of points at which to calculate a violins distribution. More points means a more accurate curve but can also harm performance. Flourish type hint: number, defaults to NULL

violin_color Color. Flourish type hint: color, defaults to NULL

violin_opacity Opacity. Flourish type hint: number, defaults to NULL

violin_sizing Sizing mode. Choices: area, width. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_enabled
: Show highlights on the x axis. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_lines
: One per line, in format "My label :: 2012". One per line, using the format : My label :: 2012 For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart. Use the format: `My label :: 2012 :: line_color / text_color :: facet_name`. For example, `My label :: 2012 :: #eb0000 / #0084bd :: Category 1`. If you want to add an annotation to just one specific chart but do not want to color the line/text, you can leave that part blank. For example: My label :: 2012 :: :: Category 1 Flourish type hint: text, defaults to NULL

chart_axes_highlights_x_line_color
: Line color. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_line_width
: Line width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_line_dash
: Dash. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_areas
: One per line, in format "My label :: 2013 » 2015". One per line, using the format : My label :: date » date For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: area_color / text_color :: facet_name For example, `My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1`. Flourish type hint: text, defaults to NULL

chart_axes_highlights_x_area_color
: Area. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_area_opacity
: Area opacity. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_area_texture
: Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_vertical
: Vertical. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_label_y_position
: Y position. Choices: bottom, middle, top. Vertically position the label at the top, bottom or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_x_position
: X position. Choices: left, middle, right. Horizontally position the label on the left, the right or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_font_size
: Font size. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_font_weight
: Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_color
: Text. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_shadow_color
: Shadow. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_shadow_enabled
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_y_enabled
: Show highlights on the y axis. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_y_lines
: One per line, in format "My label :: 5000". One per line, using the format : My label :: 2012 For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: `My label :: 2012 :: line_color / text_color :: facet_name`. For example: `My label :: 2012 :: #eb0000 / #0084bd :: Category 1`. If you want to add an annotation to just one specific chart but do not want to color the line/text, you can leave that part blank. For example: My label :: 2012 :: :: Category 1 Flourish type hint: text, defaults to NULL

chart_axes_highlights_y_line_color
: Line color. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_line_width
: line width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_line_dash
: Dash. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_areas
: One per line, in format "My label :: 2000 » 8000". One per line, using the format : My label :: date » date For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: area_color / text_color :: facet_name For example: `My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1`. Flourish type hint: text, defaults to NULL

chart_axes_highlights_y_area_color
: Area. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_area_opacity
: Area opacity. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_area_texture
: Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_x_position
: X position. Choices: left, middle, right. Horizontally position label on the left, the middle or the right end of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_y_position
: Y position. Choices: above, middle, below. Vertically position the label above, below or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_size
: Font size. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_weight
: Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_color
: Text. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_color
: Shadow. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_enabled
: Shadow. Flourish type hint: boolean, defaults to NULL

annotations_styling
: Show annotations styling. Flourish type hint: boolean, defaults to NULL

chart_annotations_defaults_text_weight
: Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_text_size
: Text size. Flourish type hint: number, defaults to NULL

chart_annotations_defaults_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_label_width
: Max width. Flourish type hint: number, defaults to NULL

chart_annotations_defaults_text_background_mode
: Text background. Choices: none, outline, background. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_text_bg
: Outline. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_label_bg
: Background. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_text_alignment
: Alignment. Choices: auto, start, center, end. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_popup_position
: Popup position. Choices: center, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_line_marker
: Marker. Choices: none, arrowhead_open, arrowhead. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_stroke_width
: Width. Flourish type hint: number, defaults to NULL

chart_annotations_defaults_stroke_color
: Color. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_connector_extend_line
: Extend line. Choices: enabled, disabled. Flourish type hint: string, defaults to NULL

animation_duration
: Animation duration. The duration of the animation for each dot or axis, in seconds. The animation can be seen between slides in a Flourish story. Flourish type hint: number, defaults to NULL

`animation_stagger`
: Animation stagger. The delay between each dot starting to move, in seconds; set to 0 to have all dots move simultaneously. Flourish type hint: number, defaults to `NULL`

`line_animate_in`
: Animate new lines in. Whether new lines should appear whole or be animated into view. Flourish type hint: boolean, defaults to `NULL`

`line_animate_out`
: Animate exiting lines. Whether filtered/removed lines should be removed whole or animated out of view. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_body_font`
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to `NULL`

`chart_layout_font_color`
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to `NULL`

`chart_layout_background_color_enabled`
: Color. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_background_image_enabled`
: Image. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_layout_background_color`
: Background color. Flourish type hint: color, defaults to `NULL`

`chart_layout_background_image_src`
: Image URL. Flourish type hint: url, defaults to `NULL`

`chart_layout_background_image_size`
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to `NULL`

`chart_layout_background_image_position`
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to `NULL`

`chart_layout_max_width_target`
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to `NULL`

`chart_layout_max_width`
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to `NULL`

`chart_layout_max_width_align`
: Align. Choices: left, center, right. Flourish type hint: string, defaults to `NULL`

`chart_layout_layout_order`
: Layout order. Flourish type hint: string, defaults to `NULL`

`chart_layout_space_between_sections`
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to `NULL`

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

chart_url_settings_enabled
: Update project from URL. Make it possible to change the visualizations settings/state from the URL hash, for example when embedding in an iframe or popup panel. Flourish type hint: boolean, defaults to NULL

chart_url_settings_whitelist
: Allowed state properties. List each state property you want to make changeable with the URL hash See the template page for a full list of state properties. Add one property name per line. Use dot format for nested properties, e.g. layout.background_color. Flourish type hint: text, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "scatter", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_scatter_data(gapminder) |>
  set_scatter_details()
)
```

`set_slope_chart_details` *Set slope chart chart details*

Description

Set slope chart chart details

Usage

```
set_slope_chart_details(
  .,
  circle_radius = NULL,
  slope_width = NULL,
  slope_width_max = NULL,
  slope_color = NULL,
  curve = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
```

```
chart_color_scale_diverging_domain_min = NULL,
chart_color_scale_diverging_domain_mid = NULL,
chart_color_scale_diverging_domain_max = NULL,
selected_slopes = NULL,
value_type = NULL,
ties_mode = NULL,
sort_mode = NULL,
height_mode = NULL,
aspect_ratio = NULL,
chart_facet_columns_fixed = NULL,
chart_facet_columns = NULL,
chart_facet_min_width = NULL,
chart_facet_min_width_fixed = NULL,
chart_facet_custom_grid = NULL,
chart_facet_custom_positions = NULL,
chart_facet_max_width = NULL,
chart_facet_gutter_w = NULL,
chart_facet_gutter_h = NULL,
chart_facet_animation = NULL,
chart_facet_titles = NULL,
chart_facet_title_align = NULL,
chart_facet_title_size = NULL,
chart_facet_title_unit = NULL,
chart_facet_title_color = NULL,
chart_facet_title_padding_top = NULL,
chart_facet_title_padding_bottom = NULL,
chart_facet_title_bg = NULL,
chart_facet_title_bg_color = NULL,
chart_facet_title_bg_padding = NULL,
axis_first_row_only = NULL,
matching_y_axis = NULL,
labels_name_position = NULL,
labels_position = NULL,
labels_inline_position = NULL,
labels_inline_position_custom = NULL,
only_show_highlights = NULL,
chart_line_labels_max_width = NULL,
chart_line_labels_overlap_mode = NULL,
chart_line_labels_spreading_margin = NULL,
chart_line_labels_data_point_margin = NULL,
chart_line_labels_show_only_labels = NULL,
chart_line_labels_text_color = NULL,
chart_line_labels_text_size = NULL,
chart_line_labels_text_bg_color = NULL,
chart_line_labels_text_bg_size = NULL,
chart_line_labels_text_line_height = NULL,
chart_line_labels_text_max_lines = NULL,
chart_line_labels_text_weight = NULL,
```

```
  chart_line_labels_lines = NULL,
  chart_line_labels_line_style = NULL,
  chart_line_labels_line_color = NULL,
  chart_line_labels_line_width = NULL,
  chart_line_labels_line_range = NULL,
  chart_line_labels_line_padding = NULL,
  chart_popup_mode = NULL,
  chart_popup_popup_is_custom = NULL,
  chart_popup_show_popup_styles = NULL,
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  chart_popup_popup_custom_main = NULL,
  chart_popup_popup_custom_accessible = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
  chart_popup_popup_text_color = NULL,
  chart_popup_popup_align = NULL,
  chart_popup_popup_background = NULL,
  chart_popup_popup_background_opacity = NULL,
  chart_popup_popup_padding = NULL,
  chart_popup_popup_radius = NULL,
  chart_popup_popup_header_type = NULL,
  chart_popup_popup_header_background = NULL,
  chart_popup_popup_header_text_color = NULL,
  chart_popup_popup_list_type = NULL,
  chart_popup_popup_list_label_weight = NULL,
  chart_popup_popup_list_separator = NULL,
  chart_popup_popup_shadow = NULL,
  chart_popup_popup_pointer = NULL,
  chart_popup_panel_position = NULL,
  chart_popup_panel_open_duration = NULL,
  chart_popup_panel_side_fixed = NULL,
  chart_popup_panel_side_default_content = NULL,
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  chart_popup_show_panel_styles = NULL,
  chart_popup_panel_custom_header = NULL,
  chart_popup_panel_custom_main = NULL,
  chart_popup_panel_width_overlay = NULL,
  chart_popup_panel_height_overlay = NULL,
  chart_popup_panel_width_side = NULL,
  chart_popup_panel_height_side = NULL,
  chart_popup_panel_max_width = NULL,
  chart_popup_panel_max_height = NULL,
  chart_popup_panel_vertical_position = NULL,
  chart_popup_panel_text_color = NULL,
  chart_popup_panel_font_size = NULL,
  chart_popup_panel_align = NULL,
  chart_popup_panel_background = NULL,
  chart_popup_panel_background_opacity = NULL,
```

```
chart_popup_panel_padding = NULL,
chart_popup_panel_radius = NULL,
chart_popup_panel_list_type = NULL,
chart_popup_panel_list_label_weight = NULL,
chart_popup_panel_list_separator = NULL,
chart_popup_panel_shadow = NULL,
axis_labels_position = NULL,
axis_font_size = NULL,
axis_text_color = NULL,
axis_color = NULL,
axis_width = NULL,
axis_dashoffset = NULL,
update_y_axis_filter = NULL,
chart_filter_controls_control_type = NULL,
chart_filter_controls_control_styles = NULL,
chart_filter_controls_control_title = NULL,
chart_filter_controls_button_group = NULL,
chart_filter_controls_button_group_width_mode = NULL,
chart_filter_controls_button_group_width_fixed = NULL,
chart_filter_controls_dropdown_width_mode = NULL,
chart_filter_controls_dropdown_width_fixed = NULL,
chart_filter_controls_slider_width = NULL,
chart_filter_controls_slider_max_label_width = NULL,
chart_filter_controls_slider_step_time = NULL,
chart_filter_controls_slider_loop = NULL,
chart_filter_controls_slider_restart_pause = NULL,
chart_filter_controls_sort = NULL,
filter_show_all = NULL,
filter_show_all_text = NULL,
chart_controls_style_font_size = NULL,
chart_controls_style_font_weight = NULL,
chart_controls_style_height = NULL,
chart_dropdown_control_style_background = NULL,
chart_dropdown_control_style_font_color = NULL,
chart_dropdown_control_style_border_styles_advanced = NULL,
chart_dropdown_control_style_border_style = NULL,
chart_dropdown_control_style_border_width = NULL,
chart_dropdown_control_style_border_color = NULL,
chart_dropdown_control_style_border_transparency = NULL,
chart_dropdown_control_style_border_radius = NULL,
chart_button_control_style_background = NULL,
chart_button_control_style_background_selected = NULL,
chart_button_control_style_background_hover = NULL,
chart_button_control_style_font_color = NULL,
chart_button_control_style_font_color_selected = NULL,
chart_button_control_style_font_color_hover = NULL,
chart_button_control_style_button_styles_advanced = NULL,
chart_button_control_style_border_width = NULL,
```

```
  chart_button_control_style_border_color = NULL,
  chart_button_control_style_border_transparency = NULL,
  chart_button_control_style_border_radius = NULL,
  chart_slider_control_style_track_color = NULL,
  chart_slider_control_style_font_color = NULL,
  chart_slider_control_style_handle_color = NULL,
  chart_slider_control_style_play_color = NULL,
  chart_slider_control_style_track_height = NULL,
  chart_slider_control_style_handle_height = NULL,
  chart_slider_control_style_play_button = NULL,
  animation_duration = NULL,
  chart_categorical_legend_show_legend = NULL,
  chart_categorical_legend_title_mode = NULL,
  chart_categorical_legend_title = NULL,
  chart_categorical_legend_swatch_width = NULL,
  chart_categorical_legend_swatch_height = NULL,
  chart_categorical_legend_swatch_radius = NULL,
  chart_categorical_legend_legend_items_padding = NULL,
  chart_categorical_legend_swatch_outline = NULL,
  chart_categorical_legend_swatch_outline_color = NULL,
  chart_categorical_legend_order_override = NULL,
  chart_categorical_legend_icon_height = NULL,
  chart_categorical_legend_icon_color = NULL,
  chart_categorical_legend_max_width = NULL,
  chart_categorical_legend_orientation = NULL,
  legend_position = NULL,
  chart_legend_container_alignment = NULL,
  chart_legend_container_orientation = NULL,
  chart_legend_container_title_weight = NULL,
  chart_legend_container_text_weight = NULL,
  chart_legend_container_text_color = NULL,
  chart_legend_container_text_size = NULL,
  chart_number_date_format_prefix = NULL,
  chart_number_date_format_suffix = NULL,
  chart_number_date_format_n_dec = NULL,
  chart_number_date_format_advanced = NULL,
  chart_number_date_format_negative_sign = NULL,
  chart_number_date_format_strip_zeros = NULL,
  chart_number_date_format_strip_separator = NULL,
  chart_number_date_format_transform_labels = NULL,
  chart_number_date_format_transform = NULL,
  chart_number_date_format_multiply_divide_constant = NULL,
  chart_number_date_format_exponentiate_constant = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
```

```
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
```

```
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
```

```
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL,
  chart_url_settings_enabled = NULL,
  chart_url_settings_whitelist = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
circle_radius	Circle radius. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
slope_width	Slope width. In pixels. Flourish type hint: number, defaults to NULL
slope_width_max	Max slope width. Flourish type hint: number, defaults to NULL
slope_color	Slope color. If not set, will use same color as main text. Flourish type hint: color, defaults to NULL
curve	Line curve. Choices: linear, cardinal, step. Flourish type hint: string, defaults to NULL
chart_color_scale_categorical_palette	Palette for categories. Flourish type hint: colors, defaults to NULL
chart_color_scale_categorical_extend	Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

selected_slopes
: Highlight slopes. To highlight slopes, write the name of each slope on a line. You can also create a story and highlight/unhighlight by clicking on a slope. Leave empty to highlight all slopes. Flourish type hint: text, defaults to NULL

value_type
: Value mode. Choices: ranks, scores, change. Flourish type hint: string, defaults to NULL

ties_mode
: Ties mode. Choices: dense, competition, fractional, modified_competition. What rank should be given when there are ties? See https://en.wikipedia.org/wiki/Ranking for explanation of nomenclature. Flourish type hint: string, defaults to NULL

sort_mode
: Sort mode. Choices: descending, ascending. Flourish type hint: string, defaults to NULL

height_mode
: Height mode. Choices: auto, aspect_ratio. Flourish type hint: string, defaults to NULL

aspect_ratio
: Aspect ratio. 1 for square, a smaller value means a bigger height. Flourish type hint: number, defaults to NULL

chart_facet_columns_fixed
: Grid mode. Choices: FALSE, TRUE. In Auto mode, the number of columns will change with screen size. Flourish type hint: boolean, defaults to NULL

chart_facet_columns
: Columns. The number of columns in the grid. (If specifying custom positions, extra columns may be added automatically.). Flourish type hint: number, defaults to NULL

chart_facet_min_width
: Min chart width. The minimum width of a chart or cell in the grid. Determines the number of columns. Flourish type hint: number, defaults to NULL

chart_facet_min_width_fixed
: Min chart width. Specify the minimum width of a chart or cell in the grid, below which the Fixed grid will be ignored and it will fall back to responsive Auto mode. Flourish type hint: number, defaults to NULL

chart_facet_custom_grid
: Add custom positions. Specify positions for individual charts in the grid useful for making a map layout. Flourish type hint: boolean, defaults to NULL

chart_facet_custom_positions
: Custom positions. Enter the name of a facet, one per line, using the format: Facet name: row, column where row and column are numbers indicating the grid position where a facet should be positioned. For example, Alaska : 1, 1 Maine : 1, 11 Wisconsin : 2, 6 Flourish type hint: text, defaults to NULL

chart_facet_max_width
: Max chart width. The maximum width of a chart or cell in the grid. Flourish type hint: number, defaults to NULL

chart_facet_gutter_w
: Horizontal margin. Flourish type hint: number, defaults to NULL

chart_facet_gutter_h
: Vertical margin. Flourish type hint: number, defaults to NULL

chart_facet_animation
: On data change. Choices: auto, name, reuse. If a chart in the grid is removed, that cell can either be animated out (with another cell moving to take its place) or reused for the new data in that cell. Auto decides for you based on the data. Flourish type hint: string, defaults to NULL

chart_facet_titles
: Show titles. Flourish type hint: boolean, defaults to NULL

chart_facet_title_align
: Alignment. Choices: auto, left, center, right. Flourish type hint: string, defaults to NULL

chart_facet_title_size
: Size. Relative to the width of the chart. Flourish type hint: number, defaults to NULL

chart_facet_title_unit
: Scale with chart. Choices: rem, facet. Flourish type hint: string, defaults to NULL

chart_facet_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_facet_title_padding_top
: Space above. Flourish type hint: number, defaults to NULL

chart_facet_title_padding_bottom
: Space below. Flourish type hint: number, defaults to NULL

chart_facet_title_bg
: Background. Choices: none, full, text. Flourish type hint: string, defaults to NULL

chart_facet_title_bg_color
: Background color. Flourish type hint: color, defaults to NULL

chart_facet_title_bg_padding
: Background padding. Horizontal space between text and background. Flourish type hint: number, defaults to NULL

`axis_first_row_only`
: Show X axis on first row only. Flourish type hint: boolean, defaults to `NULL`

`matching_y_axis`
: Matching Y scale across facets. Flourish type hint: boolean, defaults to `NULL`

`labels_name_position`
: Slope name mode. Choices: side, inline, none. Flourish type hint: string, defaults to `NULL`

`labels_position`
: Slope name position. Choices: start, both, end. Both mode will fallback to Start on narrow windows and devices. Flourish type hint: string, defaults to `NULL`

`labels_inline_position`
: Slope name position. Choices: start, middle, end. Flourish type hint: string, defaults to `NULL`

`labels_inline_position_custom`
: Custom slope name positions. Change the position of each individual label. One line per label. Syntax Label name :: start/middle/end :: offset in % (optional) Example Luxembourg :: end :: 10 France :: start. Flourish type hint: text, defaults to `NULL`

`only_show_highlights`
: Only show highlighted labels. Flourish type hint: boolean, defaults to `NULL`

`chart_line_labels_max_width`
: Max label width. The maximum allowed label width. Flourish type hint: number, defaults to `NULL`

`chart_line_labels_overlap_mode`
: Overlaps. Choices: spread, hide, none. What to do with overlaps. Flourish type hint: string, defaults to `NULL`

`chart_line_labels_spreading_margin`
: Space between labels. The space left between labels when spreading them out to avoid overlaps. Flourish type hint: number, defaults to `NULL`

`chart_line_labels_data_point_margin`
: Distance. The space between the data point and the label in rems (a multiple of base font size). Flourish type hint: number, defaults to `NULL`

`chart_line_labels_show_only_labels`
: Show only certain labels. Manually specify which labels youd like to display (one entry per line). Flourish type hint: text, defaults to `NULL`

`chart_line_labels_text_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_line_labels_text_size`
: Size. Flourish type hint: number, defaults to `NULL`

`chart_line_labels_text_bg_color`
: Outline. Flourish type hint: color, defaults to `NULL`

`chart_line_labels_text_bg_size`
: Outline width. As a % of the font size. Flourish type hint: number, defaults to `NULL`

`chart_line_labels_text_line_height`
: Line height. Flourish type hint: number, defaults to `NULL`

chart_line_labels_text_max_lines
: Max lines. The max number of lines for each label. Flourish type hint: number, defaults to NULL

chart_line_labels_text_weight
: Weight. Choices: 400, 700. Flourish type hint: string, defaults to NULL

chart_line_labels_lines
: Connector lines. Choices: auto, on, off. Flourish type hint: string, defaults to NULL

chart_line_labels_line_style
: Line style. Choices: straight, step. Flourish type hint: string, defaults to NULL

chart_line_labels_line_color
: Color. Flourish type hint: color, defaults to NULL

chart_line_labels_line_width
: Width. In rems (a multiple of base font size). Flourish type hint: number, defaults to NULL

chart_line_labels_line_range
: Length. The width of the space given over to lines; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

chart_line_labels_line_padding
: Padding. The padding to the left and right of the line; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label

attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI
If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

axis_labels_position
: Position. Choices: top, bottom, hidden. Flourish type hint: string, defaults to NULL

axis_font_size
: Font size. Flourish type hint: number, defaults to NULL

axis_text_color
: Font color. Flourish type hint: color, defaults to NULL

axis_color
: Axis color. Flourish type hint: color, defaults to NULL

axis_width
: Axis width. Flourish type hint: number, defaults to NULL

axis_dashoffset
: Axis dash. eg. 2,2. Flourish type hint: string, defaults to NULL

update_y_axis_filter
: Update Y axis when filtering. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

filter_show_all
: Include "All". Flourish type hint: boolean, defaults to NULL

filter_show_all_text
: “All” label. Flourish type hint: string, defaults to NULL

chart_controls_style_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
: Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
: Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
: Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
: Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
: Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
: Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
: Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
: Play button. Flourish type hint: boolean, defaults to NULL

animation_duration
: Animation duration. The duration of the animation (in milliseconds) when changing data or mode for example between slides in a story. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

legend_position
: Position. Choices: above, below. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

chart_url_settings_enabled
: Update project from URL. Make it possible to change the visualizations settings/state from the URL hash, for example when embedding in an iframe or popup panel. Flourish type hint: boolean, defaults to NULL

chart_url_settings_whitelist
: Allowed state properties. List each state property you want to make changeable with the URL hash See the template page for a full list of state properties. Add one property name per line. Use dot format for nested properties, e.g. `layout.background_color`. Flourish type hint: text, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "slope", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_slope_chart_data(gapminder) |>
  set_slope_chart_details()
)
```

---

set_sports_details *Set sports chart details*

Description

Set sports chart details

Usage

```
set_sports_details(
  .,
  positions_type = NULL,
  positions_scale_custom = NULL,
  positions_x_min = NULL,
  positions_x_max = NULL,
  positions_y_min = NULL,
  positions_y_max = NULL,
  formation_type = NULL,
  formation = NULL,
  formation_custom = NULL,
  pitch_margin_top = NULL,
  pitch_margin_bottom = NULL,
  pitch_type = NULL,
  pitch_type_custom = NULL,
  pitch_type_upload = NULL,
  pitch_type_svg = NULL,
  pitch_line_color = NULL,
  pitch_line_opacity = NULL,
  pitch_line_width = NULL,
  pitch_height = NULL,
  pitch_background = NULL,
  pitch_opacity = NULL,
  pitch_orientation = NULL,
  pitch_crop = NULL,
  pitch_crop_custom = NULL,
  pitch_flip_dots = NULL,
  pitch_flip_pitch = NULL,
  colors_categorical_palette = NULL,
  colors_categorical_extend = NULL,
  colors_categorical_custom_palette = NULL,
  colors_numeric_type = NULL,
  colors_binning = NULL,
  colors_bin_mode = NULL,
  colors_bin_count = NULL,
  colors_bin_thresholds = NULL,
  colors_sequential_palette = NULL,
  colors_sequential_reverse = NULL,
  colors_sequential_custom_min = NULL,
  colors_sequential_custom_max = NULL,
  colors_sequential_color_space = NULL,
  colors_sequential_custom_domain = NULL,
  colors_sequential_domain_min = NULL,
  colors_sequential_domain_max = NULL,
  colors_diverging_palette = NULL,
  colors_diverging_reverse = NULL,
  colors_diverging_custom_min = NULL,
```

```
  colors_diverging_custom_mid = NULL,
  colors_diverging_custom_max = NULL,
  colors_diverging_color_space = NULL,
  colors_diverging_custom_domain = NULL,
  colors_diverging_domain_min = NULL,
  colors_diverging_domain_mid = NULL,
  colors_diverging_domain_max = NULL,
  dot_opacity = NULL,
  dot_size = NULL,
  dot_size_custom = NULL,
  dot_border = NULL,
  dot_border_custom = NULL,
  dot_border_color = NULL,
  label_mode = NULL,
  label_color = NULL,
  label_weight = NULL,
  label_size = NULL,
  label_size_custom = NULL,
  show_squad_numbers = NULL,
  squad_number_size = NULL,
  squad_number_size_custom = NULL,
  squad_number_weight = NULL,
  squad_number_color = NULL,
  squad_number_vertical_adjust = NULL,
  image_contrast = NULL,
  image_brightness = NULL,
  image_saturation = NULL,
  image_blend_mode = NULL,
  animation_target = NULL,
  animation_duration = NULL,
  trail = NULL,
  trail_color = NULL,
  trail_opacity = NULL,
  trail_size = NULL,
  trail_size_custom = NULL,
  trail_style = NULL,
  chart_categorical_legend_show_legend = NULL,
  chart_categorical_legend_title_mode = NULL,
  chart_categorical_legend_title = NULL,
  chart_categorical_legend_swatch_width = NULL,
  chart_categorical_legend_swatch_height = NULL,
  chart_categorical_legend_swatch_radius = NULL,
  chart_categorical_legend_legend_items_padding = NULL,
  chart_categorical_legend_swatch_outline = NULL,
  chart_categorical_legend_swatch_outline_color = NULL,
  chart_categorical_legend_order_override = NULL,
  chart_categorical_legend_icon_height = NULL,
  chart_categorical_legend_icon_color = NULL,
```

```
  chart_categorical_legend_max_width = NULL,
  chart_categorical_legend_orientation = NULL,
  chart_legend_container_alignment = NULL,
  chart_legend_container_orientation = NULL,
  chart_legend_container_title_weight = NULL,
  chart_legend_container_text_weight = NULL,
  chart_legend_container_text_color = NULL,
  chart_legend_container_text_size = NULL,
  chart_popup_mode = NULL,
  chart_popup_popup_is_custom = NULL,
  chart_popup_show_popup_styles = NULL,
  chart_popup_popup_custom_header = NULL,
  chart_popup_popup_custom_main = NULL,
  chart_popup_popup_custom_accessible = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
  chart_popup_popup_text_color = NULL,
  chart_popup_popup_align = NULL,
  chart_popup_popup_background = NULL,
  chart_popup_popup_background_opacity = NULL,
  chart_popup_popup_padding = NULL,
  chart_popup_popup_radius = NULL,
  chart_popup_popup_header_type = NULL,
  chart_popup_popup_header_background = NULL,
  chart_popup_popup_header_text_color = NULL,
  chart_popup_popup_list_type = NULL,
  chart_popup_popup_list_label_weight = NULL,
  chart_popup_popup_list_separator = NULL,
  chart_popup_popup_shadow = NULL,
  chart_popup_popup_pointer = NULL,
  chart_popup_panel_position = NULL,
  chart_popup_panel_open_duration = NULL,
  chart_popup_panel_side_fixed = NULL,
  chart_popup_panel_side_default_content = NULL,
  chart_popup_panel_is_custom = NULL,
  chart_popup_show_panel_styles = NULL,
  chart_popup_panel_custom_header = NULL,
  chart_popup_panel_custom_main = NULL,
  chart_popup_panel_width_overlay = NULL,
  chart_popup_panel_height_overlay = NULL,
  chart_popup_panel_width_side = NULL,
  chart_popup_panel_height_side = NULL,
  chart_popup_panel_max_width = NULL,
  chart_popup_panel_max_height = NULL,
  chart_popup_panel_vertical_position = NULL,
  chart_popup_panel_text_color = NULL,
  chart_popup_panel_font_size = NULL,
  chart_popup_panel_align = NULL,
```

```
  chart_popup_panel_background = NULL,
  chart_popup_panel_background_opacity = NULL,
  chart_popup_panel_padding = NULL,
  chart_popup_panel_radius = NULL,
  chart_popup_panel_list_type = NULL,
  chart_popup_panel_list_label_weight = NULL,
  chart_popup_panel_list_separator = NULL,
  chart_popup_panel_shadow = NULL,
  chart_filter_controls_container_alignment = NULL,
  chart_filter_controls_container_controls_spacing = NULL,
  chart_filter_controls_control_type = NULL,
  chart_filter_controls_control_styles = NULL,
  chart_filter_controls_control_title = NULL,
  chart_filter_controls_button_group = NULL,
  chart_filter_controls_button_group_width_mode = NULL,
  chart_filter_controls_button_group_width_fixed = NULL,
  chart_filter_controls_dropdown_width_mode = NULL,
  chart_filter_controls_dropdown_width_fixed = NULL,
  chart_filter_controls_slider_width = NULL,
  chart_filter_controls_slider_max_label_width = NULL,
  chart_filter_controls_slider_step_time = NULL,
  chart_filter_controls_slider_loop = NULL,
  chart_filter_controls_slider_restart_pause = NULL,
  chart_filter_controls_sort = NULL,
  chart_controls_style_font_size = NULL,
  chart_controls_style_font_weight = NULL,
  chart_controls_style_height = NULL,
  chart_dropdown_control_style_background = NULL,
  chart_dropdown_control_style_font_color = NULL,
  chart_dropdown_control_style_border_styles_advanced = NULL,
  chart_dropdown_control_style_border_style = NULL,
  chart_dropdown_control_style_border_width = NULL,
  chart_dropdown_control_style_border_color = NULL,
  chart_dropdown_control_style_border_transparency = NULL,
  chart_dropdown_control_style_border_radius = NULL,
  chart_button_control_style_background = NULL,
  chart_button_control_style_background_selected = NULL,
  chart_button_control_style_background_hover = NULL,
  chart_button_control_style_font_color = NULL,
  chart_button_control_style_font_color_selected = NULL,
  chart_button_control_style_font_color_hover = NULL,
  chart_button_control_style_button_styles_advanced = NULL,
  chart_button_control_style_border_width = NULL,
  chart_button_control_style_border_color = NULL,
  chart_button_control_style_border_transparency = NULL,
  chart_button_control_style_border_radius = NULL,
  chart_slider_control_style_track_color = NULL,
  chart_slider_control_style_font_color = NULL,
```

```
  chart_slider_control_style_handle_color = NULL,
  chart_slider_control_style_play_color = NULL,
  chart_slider_control_style_track_height = NULL,
  chart_slider_control_style_handle_height = NULL,
  chart_slider_control_style_play_button = NULL,
  filter_include_all = NULL,
  filter_all_label = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
```

```
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
```

```
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
positions_type	Position points by. Choices: auto, formation, data. Position points automatically based on your data, on a specific formation, or use X and Y coordinates. Flourish type hint: string, defaults to NULL
positions_scale_custom	Position scale. Choices: auto, custom. "Auto" will set the position scale based on the minimum and maximum values in your data. "Custom" allows you to set a custom minimum and maximum. Flourish type hint: string, defaults to NULL

positions_x_min
: X min. Flourish type hint: number, defaults to NULL

positions_x_max
: X max. Flourish type hint: number, defaults to NULL

positions_y_min
: Y min. Flourish type hint: number, defaults to NULL

positions_y_max
: Y max. Flourish type hint: number, defaults to NULL

formation_type
: Formation type. Choices: preset, custom. Flourish type hint: string, defaults to NULL

formation
: Formation. Choices: 3-5-2, 4-3-3, 4-3-2-1, 4-4-2, 3-4-3, 4-2-3-1. Flourish type hint: string, defaults to NULL

formation_custom
: Custom formation. Use a "*"" for every player and a "-" for every space on the pitch. Flourish type hint: code, defaults to NULL

pitch_margin_top
: Top. Increases the gap between the top of the pitch and the first dot. Flourish type hint: number, defaults to NULL

pitch_margin_bottom
: Bottom. Increases the gap between the bottom of the pitch and the last dot. Flourish type hint: number, defaults to NULL

pitch_type
: Sport. Choices: football, basketball, tennis, custom. Flourish type hint: string, defaults to NULL

pitch_type_custom
: Choices: upload, svg. Flourish type hint: string, defaults to NULL

pitch_type_upload
: Upload. Flourish type hint: url, defaults to NULL

pitch_type_svg
: SVG. Flourish type hint: text, defaults to NULL

pitch_line_color
: Color. Flourish type hint: color, defaults to NULL

pitch_line_opacity
: Opacity. Opacity of the pitch marking lines. Flourish type hint: number, defaults to NULL

pitch_line_width
: Line width. Line width of the pitch markings in pixels. Flourish type hint: number, defaults to NULL

pitch_height
: Pitch height. As a percentage of the width. Flourish type hint: number, defaults to NULL

pitch_background
: Background color. Background color of the pitch. To change the color of the background outside of the pitch, instead slect Background color in the layout section. Flourish type hint: color, defaults to NULL

pitch_opacity
: Background opacity. Opacity of the pitch background. Flourish type hint: number, defaults to NULL

pitch_orientation
: Orientation. Choices: vertical, horizontal. Flourish type hint: string, defaults to NULL

pitch_crop
: Crop pitch. Choices: 1, custom. Show the full pitch, or only show a portion. Flourish type hint: string, defaults to NULL

pitch_crop_custom
: Custom. Flourish type hint: number, defaults to NULL

pitch_flip_dots
: Flip dots. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

pitch_flip_pitch
: Flip pitch. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

colors_categorical_palette
: Palette. Flourish type hint: colors, defaults to NULL

colors_categorical_extend
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

colors_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

colors_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

colors_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

colors_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

colors_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

colors_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

colors_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

colors_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

colors_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

colors_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

colors_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

colors_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

colors_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

colors_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

colors_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

colors_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

colors_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

colors_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

colors_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

colors_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

colors_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

colors_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

colors_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

colors_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

dot_opacity
: Opacity. Opacity of the dots. Flourish type hint: number, defaults to NULL

dot_size
: Size. Choices: 1.3, 2.5, 6, custom. Flourish type hint: string, defaults to NULL

dot_size_custom
: Custom. Flourish type hint: number, defaults to NULL

dot_border
: Border size. Choices: 0, 0.2, 0.5, custom. Flourish type hint: string, defaults to NULL

dot_border_custom
: Custom. Flourish type hint: number, defaults to NULL

dot_border_color
: Color. Outline color of the dots. Flourish type hint: color, defaults to NULL

label_mode Labels. Choices: TRUE, FALSE. Labels will always be hidden if there are more than 200 data points. Flourish type hint: boolean, defaults to NULL

label_color Color. Label color. Defaults to layout font color settings if not set. Flourish type hint: color, defaults to NULL

label_weight Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

label_size Size. Choices: 0.8, 1, 1.2, custom. Sizing unit is relative to root font size. Flourish type hint: string, defaults to NULL

label_size_custom
Custom. Specify a custom responsive font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

show_squad_numbers
Show Squad Numbers. Optional squad number to appear within dot. Flourish type hint: boolean, defaults to NULL

squad_number_size
Size Mode. Choices: 1.1, 1.4, 1.7, custom. Resizes the font size as a proportion of the dots radius. Flourish type hint: string, defaults to NULL

squad_number_size_custom
Custom. Specify a custom responsive font size. Best results are betwen 0.8 and 2. Flourish type hint: number, defaults to NULL

squad_number_weight
Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

squad_number_color
Color. Flourish type hint: color, defaults to NULL

squad_number_vertical_adjust
Adjust vertical spacing. Adjust vertical centering for custom fonts. Flourish type hint: number, defaults to NULL

image_contrast Contrast. Flourish type hint: number, defaults to NULL

image_brightness
Brightness. Flourish type hint: number, defaults to NULL

image_saturation
Saturation. Flourish type hint: number, defaults to NULL

image_blend_mode
Blend mode. Choices: normal, multiply, screen, overlay, darken, lighten. Flourish type hint: string, defaults to NULL

animation_target
Animate. Choices: position, opacity, both. Choose whether you want to animate the animate the positions or fade, for example when changing the filter, or drag players positions in the story editor. Flourish type hint: string, defaults to NULL

animation_duration
Duration. Specified in seconds. Flourish type hint: number, defaults to NULL

trail Trail lines. Choices: FALSE, TRUE. Show trail lines when a point is dragged to a new position. Only visible in the story editor. Flourish type hint: boolean, defaults to NULL

trail_color Color. Flourish type hint: color, defaults to NULL

`trail_opacity` Opacity. Flourish type hint: number, defaults to `NULL`

`trail_size` Size. Choices: 0.2, 0.5, custom. Flourish type hint: string, defaults to `NULL`

`trail_size_custom`
Custom. Proportional to the smallest point size. Flourish type hint: number, defaults to `NULL`

`trail_style` Style. Choices: solid, dotted. Flourish type hint: string, defaults to `NULL`

`chart_categorical_legend_show_legend`
Legend mode. Choices: `TRUE`, `FALSE`. A legend will not show with a single entry. Flourish type hint: boolean, defaults to `NULL`

`chart_categorical_legend_title_mode`
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to `NULL`

`chart_categorical_legend_title`
Title. Flourish type hint: string, defaults to `NULL`

`chart_categorical_legend_swatch_width`
Width. Flourish type hint: number, defaults to `NULL`

`chart_categorical_legend_swatch_height`
Height. Flourish type hint: number, defaults to `NULL`

`chart_categorical_legend_swatch_radius`
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to `NULL`

`chart_categorical_legend_legend_items_padding`
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to `NULL`

`chart_categorical_legend_swatch_outline`
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to `NULL`

`chart_categorical_legend_swatch_outline_color`
Color. Flourish type hint: color, defaults to `NULL`

`chart_categorical_legend_order_override`
Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to `NULL`

`chart_categorical_legend_icon_height`
Height. Height of icon (in rems). Flourish type hint: number, defaults to `NULL`

`chart_categorical_legend_icon_color`
Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to `NULL`

`chart_categorical_legend_max_width`
Max width. Flourish type hint: number, defaults to `NULL`

`chart_categorical_legend_orientation`
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to `NULL`

`chart_legend_container_alignment`
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to `NULL`

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI
If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
: Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_filter_controls_control_type
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
: Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
: Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
: Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_controls_style_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
: Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
: Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
: Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
: Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
: Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
: Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
: Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
: Play button. Flourish type hint: boolean, defaults to NULL

filter_include_all
: Include "all". Include "All" in the filter dropdown. Flourish type hint: boolean, defaults to NULL

filter_all_label
: All label. Flourish type hint: string, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "sports", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_sports_data(gapminder) |>
  set_sports_details()
)
```

---

set_sports_race_details

Set sports race chart details

Description

Set sports race chart details

Usage

```
set_sports_race_details(
  .,
  preset_svg = NULL,
  custom_svg = NULL,
  track_path_id = NULL,
  track_lane_width = NULL,
  track_back_and_forth = NULL,
  participant_icon_mode = NULL,
  participant_size = NULL,
  participant_stroke_width = NULL,
  participant_stroke_opacity = NULL,
  participant_fill_opacity = NULL,
  preset_participant_image = NULL,
  custom_participant_start_image = NULL,
  custom_participant_race_image = NULL,
  custom_participant_finish_image = NULL,
  image_initial_rotation = NULL,
  image_initial_flip_x = NULL,
  image_initial_flip_y = NULL,
  image_transform_mode = NULL,
```

```
  participant_icon_recolor = NULL,
  chart_participant_color_scale_categorical_palette = NULL,
  chart_participant_color_scale_categorical_extend = NULL,
  chart_participant_color_scale_categorical_custom_palette = NULL,
  chart_participant_color_scale_numeric_type = NULL,
  chart_participant_color_scale_binning = NULL,
  chart_participant_color_scale_bin_mode = NULL,
  chart_participant_color_scale_bin_count = NULL,
  chart_participant_color_scale_bin_thresholds = NULL,
  chart_participant_color_scale_sequential_palette = NULL,
  chart_participant_color_scale_sequential_reverse = NULL,
  chart_participant_color_scale_sequential_custom_min = NULL,
  chart_participant_color_scale_sequential_custom_max = NULL,
  chart_participant_color_scale_sequential_color_space = NULL,
  chart_participant_color_scale_sequential_custom_domain = NULL,
  chart_participant_color_scale_sequential_domain_min = NULL,
  chart_participant_color_scale_sequential_domain_max = NULL,
  chart_participant_color_scale_diverging_palette = NULL,
  chart_participant_color_scale_diverging_reverse = NULL,
  chart_participant_color_scale_diverging_custom_min = NULL,
  chart_participant_color_scale_diverging_custom_mid = NULL,
  chart_participant_color_scale_diverging_custom_max = NULL,
  chart_participant_color_scale_diverging_color_space = NULL,
  chart_participant_color_scale_diverging_custom_domain = NULL,
  chart_participant_color_scale_diverging_domain_min = NULL,
  chart_participant_color_scale_diverging_domain_mid = NULL,
  chart_participant_color_scale_diverging_domain_max = NULL,
  camera_mode = NULL,
  zoom = NULL,
  checkpoint_mode = NULL,
  checkpoints = NULL,
  times_cumulative = NULL,
  participant_label_mode = NULL,
  participant_label_custom = NULL,
  participant_label_position = NULL,
  participant_label_style = NULL,
  participant_label_color = NULL,
  participant_label_size = NULL,
  participant_label_stroke = NULL,
  participant_label_stroke_size = NULL,
  participant_label_weight = NULL,
  participant_highlight = NULL,
  participant_highlight_color = NULL,
  participant_highlight_width = NULL,
  label_position_enabled = NULL,
  label_position_time = NULL,
  label_position_type = NULL,
  label_medal_enabled = NULL,
```

```
label_medal_time = NULL,
label_medal_type = NULL,
label_medal_replace_position = NULL,
label_finishing_time_enabled = NULL,
label_finishing_time_time = NULL,
participant_stacking = NULL,
chart_timeline_controls_enabled = NULL,
chart_timeline_controls_style = NULL,
chart_timeline_controls_graph = NULL,
chart_timeline_controls_play_on_load = NULL,
chart_timeline_controls_loop = NULL,
chart_timeline_controls_duration = NULL,
chart_timeline_controls_duration_tween = NULL,
chart_timeline_controls_duration_wait_at_end = NULL,
chart_timeline_controls_axes_custom_enabled = NULL,
chart_timeline_controls_color_axes = NULL,
chart_timeline_controls_axis_font_size = NULL,
chart_timeline_controls_date_format_display = NULL,
chart_timeline_controls_axis_nice_x = NULL,
chart_timeline_controls_axis_nice_y = NULL,
chart_timeline_controls_scrubber_snap = NULL,
chart_timeline_controls_scrubber_snap_paused = NULL,
chart_timeline_controls_layout_settings = NULL,
chart_timeline_controls_margin_top = NULL,
chart_timeline_controls_margin_left = NULL,
chart_timeline_controls_margin_bottom = NULL,
chart_timeline_controls_margin_right = NULL,
chart_timeline_controls_playback_button_margin_right = NULL,
chart_timeline_controls_scrubber_height = NULL,
chart_timeline_controls_playback_button_margin_right_button = NULL,
chart_timeline_controls_graph_settings = NULL,
chart_timeline_controls_color_background = NULL,
chart_timeline_controls_graph_height = NULL,
chart_timeline_controls_curve = NULL,
chart_timeline_controls_playback_styling = NULL,
chart_timeline_controls_playback_button_button_color = NULL,
chart_timeline_controls_playback_button_button_size = NULL,
chart_timeline_controls_playback_button_icon_color = NULL,
chart_timeline_controls_playback_button_icon_size = NULL,
chart_timeline_controls_playback_button_label_size = NULL,
chart_layout_body_font = NULL,
chart_layout_font_color = NULL,
chart_layout_background_color_enabled = NULL,
chart_layout_background_image_enabled = NULL,
chart_layout_background_color = NULL,
chart_layout_background_image_src = NULL,
chart_layout_background_image_size = NULL,
chart_layout_background_image_position = NULL,
```

```
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
```

```
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
```

```
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
preset_svg	Choices: athletics, swimming, cycling, custom. Flourish type hint: string, defaults to NULL
custom_svg	Custom SVG. Use a custom track using your own SVG Flourish type hint: text, defaults to NULL
track_path_id	Path ID. The ID of the element in the SVG which defines the center of the track. Flourish type hint: string, defaults to NULL
track_lane_width	Lane width. The distance between each participant. Flourish type hint: number, defaults to NULL
track_back_and_forth	Track type. Choices: FALSE, TRUE. Whether the track goes back and forth, like a swimming pool, or back to the start, like a race track. Flourish type hint: boolean, defaults to NULL
participant_icon_mode	Icon type. Choices: circle, image. Flourish type hint: string, defaults to NULL
participant_size	Size. Flourish type hint: number, defaults to NULL
participant_stroke_width	Line width. Flourish type hint: number, defaults to NULL
participant_stroke_opacity	Stroke opacity. Flourish type hint: number, defaults to NULL

participant_fill_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

preset_participant_image
: Default images. Choices: runner, swimmer, cyclist, custom. The images used if no image is included for the participant in the datasheet. Flourish type hint: string, defaults to NULL

custom_participant_start_image
: Custom start image. The image shown at the start of the race. Flourish type hint: url, defaults to NULL

custom_participant_race_image
: Custom racing image. The image shown while the participant is racing. Flourish type hint: url, defaults to NULL

custom_participant_finish_image
: Custom finish image. The image shown when the participant has finished the race. Flourish type hint: url, defaults to NULL

image_initial_rotation
: Rotate images. Choices: 0, 90, 180, 270. Flourish type hint: string, defaults to NULL

image_initial_flip_x
: Flip horizontally. Flourish type hint: boolean, defaults to NULL

image_initial_flip_y
: Flip vertically. Flourish type hint: boolean, defaults to NULL

image_transform_mode
: Direction change. Choices: rotate, flip_x, flip_y, flip_both, static. Change the direction of the image based on which way the participant is traveling. Rotate rotates the image to face the direction of travel. Flip horizontally flips the image horizontally depending on whether the participant is traveling towards the left or right. Flip vertically flips the image vertically depending on whether the participant is traveling towards the top or bottom. Flip horizontally and vertically combines the horizontal and vertical flip settings. Static doesnt change the direction of the image. Flourish type hint: string, defaults to NULL

participant_icon_recolor
: Recolor icons. Apply colors to differentiate the participants. Works best with greyscale images. Flourish type hint: boolean, defaults to NULL

chart_participant_color_scale_categorical_palette
: Palette. Flourish type hint: colors, defaults to NULL

chart_participant_color_scale_categorical_extend
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_participant_color_scale_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_participant_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_participant_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_participant_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_participant_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_participant_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_participant_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_participant_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_participant_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_participant_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_participant_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_participant_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_participant_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_participant_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_participant_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_participant_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_participant_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_participant_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_participant_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_participant_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_participant_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_participant_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_participant_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_participant_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

camera_mode
: Camera mode. Choices: track, leader. Flourish type hint: string, defaults to NULL

zoom
: Zoom level. How much to zoom in when playing. Flourish type hint: number, defaults to NULL

checkpoint_mode
: Checkpoint mode. Choices: laps, splits, custom. Flourish type hint: string, defaults to NULL

checkpoints
: Checkpoints. Enter the number of laps completed at each recorded checkpoint/column in the data. E.g. "0.5, 1, 1.5, 2" would mean that the times were taken every half a lap. Enter one checkpoint per line. Flourish type hint: text, defaults to NULL

times_cumulative
: Times are cumulative. Switch on if the time columns represent the cumulative time taken at each checkpoint (e.g. 12, 25, 36). Switch off if the times represent how long individual checkpoints took to complete (e.g. 12, 13, 11). Flourish type hint: boolean, defaults to NULL

participant_label_mode
: Label mode. Choices: auto, leader, all, custom. Determines which labels are drawn. Auto draws as many labels as possible whilst avoiding overlaps. Flourish type hint: string, defaults to NULL

participant_label_custom
: Participants to label. Enter the names of the participants to label. These must exactly match the names in your data. Enter one name per line. Flourish type hint: text, defaults to NULL

participant_label_position
: Label position. Choices: auto, left, right. Flourish type hint: string, defaults to NULL

participant_label_style
: Style. Flourish type hint: boolean, defaults to NULL

participant_label_color
: Color. Flourish type hint: color, defaults to NULL

participant_label_size
: Size. Flourish type hint: number, defaults to NULL

participant_label_stroke
: Outline. Flourish type hint: color, defaults to NULL

participant_label_stroke_size
: Outline width. As a % of the font size. Flourish type hint: number, defaults to NULL

participant_label_weight
: Weight. Choices: 400, 600. Flourish type hint: string, defaults to NULL

participant_highlight
: Highlight icons. Highlight the labeled participant(s). Flourish type hint: boolean, defaults to NULL

participant_highlight_color
: Highlight color. Flourish type hint: color, defaults to NULL

participant_highlight_width
: Highlight width. Flourish type hint: number, defaults to NULL

label_position_enabled
: Choices: FALSE, TRUE. Whether to show the position of the participant in the label. Flourish type hint: boolean, defaults to NULL

label_position_time
: Show position. Choices: always, race, finish. Set to At finish, to only show a participants position when theyve completed the race. Set to During race, to only show a participants position while they are still racing. Flourish type hint: string, defaults to NULL

label_position_type
: Position to show. Choices: current, finish. Whether to show a participants current position in the race, or their finishing position. Flourish type hint: string, defaults to NULL

label_medal_enabled
: Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

label_medal_time
: Show medals. Choices: always, race, finish. Set to At finish, to only show a participants medal when theyve completed the race. Set to During race, to only show a participants medal while they are still racing. Flourish type hint: string, defaults to NULL

label_medal_type
: Medal to show. Choices: current, finish. Whether to show the medal position for a participant at the current point in the race, or the medal they win at the end of the race. Flourish type hint: string, defaults to NULL

label_medal_replace_position
: Replace position. Turn on to replace a participants position label with their medal if they are in a medal position. Flourish type hint: boolean, defaults to NULL

label_finishing_time_enabled
: Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

label_finishing_time_time
: Show finishing time. Choices: always, finish. Flourish type hint: string, defaults to NULL

participant_stacking
: Choices: sheet_order, rank, y_position. Determines which participants obscure other participants when they overlap. Flourish type hint: string, defaults to NULL

chart_timeline_controls_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_style
: Style. Choices: timeline, button. Flourish type hint: string, defaults to NULL

chart_timeline_controls_graph
: Show chart. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_play_on_load
: Play on load. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_loop
: Loop timeline. When turned on, the timeline will return to the beginning once complete. Otherwise, it will stop when it reaches the end. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_duration
: Timeline duration. Total duration of the timeline during normal playback in seconds. Flourish type hint: number, defaults to NULL

chart_timeline_controls_duration_tween
: Time jump duration. Duration of transitions between different points in time on the timeline. This is the transition you see in the story player when switching between slides with a different time on the timeline (in seconds). Flourish type hint: number, defaults to NULL

chart_timeline_controls_duration_wait_at_end
: Pause before loop. Flourish type hint: number, defaults to NULL

chart_timeline_controls_axes_custom_enabled
: Axis settings. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_color_axes
: Axes color. Flourish type hint: color, defaults to NULL

chart_timeline_controls_axis_font_size
: Font size. Flourish type hint: number, defaults to NULL

chart_timeline_controls_date_format_display
: X axis date format. Choices:, %Y-%m-%dT%H:%M:%S.%LZ, %Y-%m-%d, %m/%d/%Y, %d/%m/%Y, %d-%b-%y, %m/%Y, %b %Y, %b %y, %B %d, %d %b, %Y, %B, %b, %A, %a, %H:%M:%S, %I:%M %p, %H:%M. Flourish type hint: string, defaults to NULL

chart_timeline_controls_axis_nice_x
: Clean X axis. Rounds out the X axis so that its start and end values are nice, round dates. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_axis_nice_y
: Clean Y axis. Rounds out the Y axis so that its start and end values are nice, round numbers. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_scrubber_snap
: Snap when scrubbing. When turned on, you can only jump to values that are supplied in the dataset and nothing in between. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_scrubber_snap_paused
: Snap when paused. Activate to snap the timeline to the closest interval when non animating. This is useful for ensuring the data visible in the visualization

always reflects the data you have supplied. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_layout_settings
: Layout settings. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_timeline_controls_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_timeline_controls_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_timeline_controls_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_timeline_controls_playback_button_margin_right
: Space between button and timeline. Flourish type hint: number, defaults to NULL

chart_timeline_controls_scrubber_height
: Scrubber height. Flourish type hint: number, defaults to NULL

chart_timeline_controls_playback_button_margin_right_button
: Space between button and text. Flourish type hint: number, defaults to NULL

chart_timeline_controls_graph_settings
: Chart settings. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_color_background
: Background. Flourish type hint: color, defaults to NULL

chart_timeline_controls_graph_height
: Height. Flourish type hint: number, defaults to NULL

chart_timeline_controls_curve
: Curved lines. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_playback_styling
: Play button settings. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_playback_button_button_color
: Button color. Flourish type hint: color, defaults to NULL

chart_timeline_controls_playback_button_button_size
: Button size. Flourish type hint: number, defaults to NULL

chart_timeline_controls_playback_button_icon_color
: Icon color. Flourish type hint: color, defaults to NULL

chart_timeline_controls_playback_button_icon_size
: Icon size. Flourish type hint: number, defaults to NULL

chart_timeline_controls_playback_button_label_size
: Label size. Flourish type hint: number, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "sports_race", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_sports_race_data(gapminder) |>
  set_sports_race_details()
)
```

---

set_survey_details *Set survey chart details*

Description

Set survey chart details

Usage

```
set_survey_details(
  .,
  dot_fill = NULL,
  dot_opacity = NULL,
  dot_opacity_unhighlighted = NULL,
  chart_color_scale_categorical_palette = NULL,
```

```
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  dot_shape = NULL,
  dot_sides = NULL,
  outline_width = NULL,
  outline_color = NULL,
  dot_label = NULL,
  dot_label_color = NULL,
  dot_label_bold = NULL,
  dot_label_min = NULL,
  dot_label_auto_size = NULL,
  dot_label_fixed = NULL,
  dot_label_scale = NULL,
  dot_label_size_value = NULL,
  all_group_label = NULL,
  include_grouped_questions_on_shade_menu = NULL,
  include_grouped_questions_on_compare_menu = NULL,
  order_groups_by_size = NULL,
  order_groups_by_size_mode = NULL,
  group_colors = NULL,
  exclusions = NULL,
  exclude_blanks = NULL,
  bundle_small_groups = NULL,
  small_groups_threshold = NULL,
  small_groups_other_label = NULL,
```

```
  label_mode = NULL,
  label_tight_fit = NULL,
  label_color = NULL,
  label_min_font_size = NULL,
  label_max_font_size = NULL,
  label_group_padding_lines = NULL,
  label_shadow_size = NULL,
  label_shadow_color = NULL,
  label_group_count = NULL,
  label_group_percent = NULL,
  label_group_percent_decimals = NULL,
  always_show_x_label = NULL,
  show_xy_axis_labels_when_comparing = NULL,
  compare_y_axis_width = NULL,
  compare_x_axis_height = NULL,
  chart_height_mode = NULL,
  chart_aspect_ratio_wide = NULL,
  chart_aspect_ratio_narrow = NULL,
  map_opacity_map_mode = NULL,
  map_opacity_non_map_mode = NULL,
  map_max_group_size = NULL,
  map_dimensions = NULL,
  map_aspect_ratio = NULL,
  map_region = NULL,
  map_region_url = NULL,
  map_region_bounds_x1 = NULL,
  map_region_bounds_x2 = NULL,
  map_region_bounds_y2 = NULL,
  map_region_bounds_y1 = NULL,
  chart_popup_mode = NULL,
  chart_popup_popup_is_custom = NULL,
  chart_popup_show_popup_styles = NULL,
  chart_popup_popup_custom_header = NULL,
  chart_popup_popup_custom_main = NULL,
  chart_popup_popup_custom_accessible = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
  chart_popup_popup_text_color = NULL,
  chart_popup_popup_align = NULL,
  chart_popup_popup_background = NULL,
  chart_popup_popup_background_opacity = NULL,
  chart_popup_popup_padding = NULL,
  chart_popup_popup_radius = NULL,
  chart_popup_popup_header_type = NULL,
  chart_popup_popup_header_background = NULL,
  chart_popup_popup_header_text_color = NULL,
  chart_popup_popup_list_type = NULL,
  chart_popup_popup_list_label_weight = NULL,
```

```
  chart_popup_popup_list_separator = NULL,
  chart_popup_popup_shadow = NULL,
  chart_popup_popup_pointer = NULL,
  chart_popup_panel_position = NULL,
  chart_popup_panel_open_duration = NULL,
  chart_popup_panel_side_fixed = NULL,
  chart_popup_panel_side_default_content = NULL,
  chart_popup_panel_is_custom = NULL,
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  chart_popup_panel_width_side = NULL,
  chart_popup_panel_height_side = NULL,
  chart_popup_panel_max_width = NULL,
  chart_popup_panel_max_height = NULL,
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  chart_popup_panel_radius = NULL,
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  chart_popup_panel_list_label_weight = NULL,
  chart_popup_panel_list_separator = NULL,
  chart_popup_panel_shadow = NULL,
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  panel_background_opacity = NULL,
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  panel_text_size = NULL,
  panel_icon_color = NULL,
  panel_width = NULL,
  panel_cog_color = NULL,
  panel_overlay = NULL,
  panel_hide_cog = NULL,
  select_group_show = NULL,
  select_color_show = NULL,
  select_size_show = NULL,
  select_compare_show = NULL,
  histogram_show = NULL,
  select_group_text = NULL,
  select_color_text = NULL,
  select_size_text = NULL,
  select_compare_text = NULL,
  select_filter_text = NULL,
```

```
select_map_text = NULL,
chart_filter_controls_control_type = NULL,
chart_filter_controls_control_styles = NULL,
chart_filter_controls_control_title = NULL,
chart_filter_controls_button_group = NULL,
chart_filter_controls_button_group_width_mode = NULL,
chart_filter_controls_button_group_width_fixed = NULL,
chart_filter_controls_dropdown_width_mode = NULL,
chart_filter_controls_dropdown_width_fixed = NULL,
chart_filter_controls_slider_width = NULL,
chart_filter_controls_slider_max_label_width = NULL,
chart_filter_controls_slider_step_time = NULL,
chart_filter_controls_slider_loop = NULL,
chart_filter_controls_slider_restart_pause = NULL,
chart_filter_controls_sort = NULL,
column_filter_show_all = NULL,
column_filter_show_all_label = NULL,
chart_controls_style_font_size = NULL,
chart_controls_style_font_weight = NULL,
chart_controls_style_height = NULL,
chart_button_control_style_background = NULL,
chart_button_control_style_background_selected = NULL,
chart_button_control_style_background_hover = NULL,
chart_button_control_style_font_color = NULL,
chart_button_control_style_font_color_selected = NULL,
chart_button_control_style_font_color_hover = NULL,
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chart_button_control_style_border_color = NULL,
chart_button_control_style_border_transparency = NULL,
chart_button_control_style_border_radius = NULL,
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chart_slider_control_style_handle_color = NULL,
chart_slider_control_style_play_color = NULL,
chart_slider_control_style_track_height = NULL,
chart_slider_control_style_handle_height = NULL,
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chart_dropdown_control_style_font_color = NULL,
chart_dropdown_control_style_border_styles_advanced = NULL,
chart_dropdown_control_style_border_style = NULL,
chart_dropdown_control_style_border_width = NULL,
chart_dropdown_control_style_border_color = NULL,
chart_dropdown_control_style_border_transparency = NULL,
chart_dropdown_control_style_border_radius = NULL,
chart_categorical_legend_show_legend = NULL,
chart_categorical_legend_title_mode = NULL,
```

```
  chart_categorical_legend_title = NULL,
  chart_categorical_legend_swatch_width = NULL,
  chart_categorical_legend_swatch_height = NULL,
  chart_categorical_legend_swatch_radius = NULL,
  chart_categorical_legend_legend_items_padding = NULL,
  chart_categorical_legend_swatch_outline = NULL,
  chart_categorical_legend_swatch_outline_color = NULL,
  chart_categorical_legend_order_override = NULL,
  chart_categorical_legend_icon_height = NULL,
  chart_categorical_legend_icon_color = NULL,
  chart_categorical_legend_max_width = NULL,
  chart_categorical_legend_orientation = NULL,
  legend_position = NULL,
  legend_hide_space = NULL,
  chart_legend_container_alignment = NULL,
  chart_legend_container_orientation = NULL,
  chart_legend_container_title_weight = NULL,
  chart_legend_container_text_weight = NULL,
  chart_legend_container_text_color = NULL,
  chart_legend_container_text_size = NULL,
  zoom_on_double_click = NULL,
  zoom_on_mousewheel = NULL,
  transition_duration = NULL,
  transition_stagger = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
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  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
```

```
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
```

```
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
```

```
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
dot_fill	Default color. If left blank, the first color in the color palette will be used. Flourish type hint: color, defaults to NULL
dot_opacity	Opacity. Flourish type hint: number, defaults to NULL
dot_opacity_unhighlighted	Opacity (unhighlighted). The opacity of the unhighlighted dots when one of the dots is highlighted. Flourish type hint: number, defaults to NULL
chart_color_scale_categorical_palette	Color when shading. The colors to use when shading by the answer to a questions. Flourish type hint: colors, defaults to NULL
chart_color_scale_categorical_extend	Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL
chart_color_scale_categorical_custom_palette	Custom overrides. Enter the name of the category that you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26) Note that overrides from the "Color overrides" sheet take priority over the overrides in this setting. Flourish type hint: text, defaults to NULL
chart_color_scale_numeric_type	Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL
chart_color_scale_binning	Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL
chart_color_scale_bin_mode	Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL
chart_color_scale_bin_count	Number of bins. Flourish type hint: number, defaults to NULL
chart_color_scale_bin_thresholds	Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For

"5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

dot_shape
: Shape. Choices: circle, square, polygon. Flourish type hint: string, defaults to NULL

dot_sides
: Sides. Flourish type hint: number, defaults to NULL

outline_width
: Stroke width. In pixels. The width of the outline stroke. Flourish type hint: number, defaults to NULL

`outline_color` Stroke color. Outline color for your dots/squares/polygons. If not set, the layout background color will be used. Flourish type hint: color, defaults to `NULL`

`dot_label` Default label or emoji. A label or emoji to show on each dot. Overriden by any label specified using the Label column setting. Flourish type hint: string, defaults to `NULL`

`dot_label_color`
Color. Flourish type hint: color, defaults to `NULL`

`dot_label_bold` Bold. Flourish type hint: boolean, defaults to `NULL`

`dot_label_min` Min size to display. The minimum text size in pixels for dot labels. Below this level they will not render. Flourish type hint: number, defaults to `NULL`

`dot_label_auto_size`
Sizing mode. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`dot_label_fixed`
Size in %. Specifies font size across the graphic as a percentage of dot height. Flourish type hint: number, defaults to `NULL`

`dot_label_scale`
Scale. Scales the labels up or down from their default size. Flourish type hint: number, defaults to `NULL`

`dot_label_size_value`
Show numerical value when sizing dots. Flourish type hint: boolean, defaults to `NULL`

`all_group_label`
Name for "all" group. Flourish type hint: string, defaults to `NULL`

`include_grouped_questions_on_shade_menu`
Include grouped questions on shading menu. Flourish type hint: boolean, defaults to `NULL`

`include_grouped_questions_on_compare_menu`
Include grouped questions on compare menu. Flourish type hint: boolean, defaults to `NULL`

`order_groups_by_size`
Order groups by size. Flourish type hint: boolean, defaults to `NULL`

`order_groups_by_size_mode`
Choices: ascending, descending. Flourish type hint: string, defaults to `NULL`

`group_colors` Arrange groups by color. If selected, dots of the same color are grouped together; if not the dots are placed in spreadsheet order. Flourish type hint: boolean, defaults to `NULL`

`exclusions` Exclude groups with the following names. Case-sensitive comma-separated list. Flourish type hint: string, defaults to `NULL`

`exclude_blanks` Exclude groups with blank names. Flourish type hint: boolean, defaults to `NULL`

`bundle_small_groups`
Bundle small groups. Flourish type hint: boolean, defaults to `NULL`

`small_groups_threshold`
Min size. Flourish type hint: number, defaults to `NULL`

small_groups_other_label
: "Other" group label. Flourish type hint: string, defaults to NULL

label_mode
: Label position. Choices: atop, around, above. Flourish type hint: string, defaults to NULL

label_tight_fit
: Position close to group. Flourish type hint: boolean, defaults to NULL

label_color
: Text color. Flourish type hint: color, defaults to NULL

label_min_font_size
: Min font size. In pixels; the actual font size in any view is set automatically between the min and max. Flourish type hint: number, defaults to NULL

label_max_font_size
: Max font size. In pixels; the actual font size in any view is set automatically between the min and max. Flourish type hint: number, defaults to NULL

label_group_padding_lines
: Space for labels. The amount of space to leave above the groups, specified in lines of text. Flourish type hint: number, defaults to NULL

label_shadow_size
: Size. As percent of font size. Flourish type hint: number, defaults to NULL

label_shadow_color
: Color. Flourish type hint: color, defaults to NULL

label_group_count
: Show number of dots in group. Adds the number in brackets after the main label; ignored in chart, map and compare modes. Flourish type hint: boolean, defaults to NULL

label_group_percent
: Show group size as % of visible dots. Adds group size as a percent of visible dots, in brackets after the main label. This setting is ignored in chart, map and compare modes and when showing a grouped question. Flourish type hint: boolean, defaults to NULL

label_group_percent_decimals
: Decimal places on percentage labels. Flourish type hint: number, defaults to NULL

always_show_x_label
: Show X label when not comparing. Show the groups label at the bottom of chart when not comparing two metrics. Flourish type hint: boolean, defaults to NULL

show_xy_axis_labels_when_comparing
: Show X/Y labels when comparing. Show groups labels on both axes when comparing two metrics. Flourish type hint: boolean, defaults to NULL

compare_y_axis_width
: Y axis width. Flourish type hint: number, defaults to NULL

compare_x_axis_height
: X axis height. Flourish type hint: number, defaults to NULL

chart_height_mode
: Height mode. Choices: auto, aspect_ratio. How the graphic height will be set when embedded with the responsive script embed without a specified height. Flourish type hint: string, defaults to NULL

chart_aspect_ratio_wide
: Desktop. The chart aspect ratio on screens 640 pixels wide and higher (1 for square - a smaller value means a bigger height). Flourish type hint: number, defaults to NULL

chart_aspect_ratio_narrow
: Mobile. The chart aspect ratio on screens narrower than 640 pixels (1 for square - a smaller value means a bigger height). Flourish type hint: number, defaults to NULL

map_opacity_map_mode
: Map opacity (in map mode). Flourish type hint: number, defaults to NULL

map_opacity_non_map_mode
: Map opacity (in other modes). Flourish type hint: number, defaults to NULL

map_max_group_size
: Max group size in map view. In relative units. Flourish type hint: number, defaults to NULL

map_dimensions
: Map dimensions. Choices: auto, aspect_ratio. Flourish type hint: string, defaults to NULL

map_aspect_ratio
: Map aspect ratio. Aspect ratio of the map. 1 will make the map square. Flourish type hint: number, defaults to NULL

map_region
: Region. Choices: world, usa, europe, custom. Flourish type hint: string, defaults to NULL

map_region_url
: Url to equirectangular projection of map. Flourish type hint: url, defaults to NULL

map_region_bounds_x1
: Minimum longitude. Flourish type hint: number, defaults to NULL

map_region_bounds_x2
: Maximum longitude. Flourish type hint: number, defaults to NULL

map_region_bounds_y2
: Minimum latitude. Flourish type hint: number, defaults to NULL

map_region_bounds_y1
: Maximum latitude. Flourish type hint: number, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax {{#if column_name}}Content for non-empty colum For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

panel_background_color
: Background. Flourish type hint: color, defaults to NULL

panel_background_opacity
: Opacity. Flourish type hint: number, defaults to NULL

panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

panel_text_size
: Text size. Flourish type hint: number, defaults to NULL

panel_icon_color
: Icon color. Choices: light, dark. Flourish type hint: string, defaults to NULL

panel_width
: Panel width. Width of the controls panels on wide screens, ignored on mobile. Flourish type hint: number, defaults to NULL

panel_cog_color
: Cog icon color. Flourish type hint: color, defaults to NULL

panel_overlay
: Overlay panel over graphic. Flourish type hint: boolean, defaults to NULL

`panel_hide_cog` Disable controls toggle in published graphic. When checked, the controls icon for showing/ hiding the controls panel is visible only in the visualization and story editors not in the published visualization or story. When making a story, you can still lock the panel to be visible or hidden by clicking the cog icon in the story editor. Flourish type hint: boolean, defaults to `NULL`

`select_group_show`
: Group menu. Populated by all category columns. Flourish type hint: boolean, defaults to `NULL`

`select_color_show`
: Color menu. Populated by all category columns. Flourish type hint: boolean, defaults to `NULL`

`select_size_show`
: Size menu. Populated by all continuous number columns. Flourish type hint: boolean, defaults to `NULL`

`select_compare_show`
: Compare menu. Populated by all category columns; appears only when Group by is selected. Flourish type hint: boolean, defaults to `NULL`

`histogram_show` Bar mode. Flourish type hint: boolean, defaults to `NULL`

`select_group_text`
: Group by. Flourish type hint: string, defaults to `NULL`

`select_color_text`
: Shade by. Flourish type hint: string, defaults to `NULL`

`select_size_text`
: Size by. Flourish type hint: string, defaults to `NULL`

`select_compare_text`
: Compare. Flourish type hint: string, defaults to `NULL`

`select_filter_text`
: Filter. Flourish type hint: string, defaults to `NULL`

`select_map_text`
: Group location. Flourish type hint: string, defaults to `NULL`

`chart_filter_controls_control_type`
: Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to `NULL`

`chart_filter_controls_control_styles`
: Adv. Flourish type hint: boolean, defaults to `NULL`

`chart_filter_controls_control_title`
: Control title. Flourish type hint: string, defaults to `NULL`

`chart_filter_controls_button_group`
: Grouped. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to `NULL`

`chart_filter_controls_button_group_width_mode`
: Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to `NULL`

`chart_filter_controls_button_group_width_fixed`
: Width. Flourish type hint: number, defaults to `NULL`

chart_filter_controls_dropdown_width_mode
: Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
: Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
: Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
: Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
: Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
: Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
: Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
: Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

column_filter_show_all
: Include "All" in slider/menu. Flourish type hint: boolean, defaults to NULL

column_filter_show_all_label
: Label for All. Flourish type hint: string, defaults to NULL

chart_controls_style_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
: Height. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
: Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
: Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
: Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
: Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
: Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
: Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
: Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
: Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
: Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
: Play button. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_background
: Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
: Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
: Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
: Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
: Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
: Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
: Radius. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

legend_position
: Position. Choices: above, below. Flourish type hint: string, defaults to NULL

legend_hide_space
: Remove space when empty. Turn off to avoid the legend taking up space when empty. Leave on to avoid the graphic jumping up and down a little when the legend is revealed or hidden. Flourish type hint: boolean, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

zoom_on_double_click
: Zoom on double click. Flourish type hint: boolean, defaults to NULL

zoom_on_mousewheel
: Zoom on pinch/mousewheel. Flourish type hint: boolean, defaults to NULL

transition_duration
: Duration. Time in milliseconds of each dots animation. Flourish type hint: number, defaults to NULL

transition_stagger
: Stagger. The spread of time over which the dots start animating. Flourish type hint: number, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

`chart_layout_footer_logo_src_light`
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to `NULL`

`chart_layout_footer_logo_alt`
: Alt text. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_logo_link_url`
: Link. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_logo_height`
: Height. Flourish type hint: number, defaults to `NULL`

`chart_layout_footer_logo_margin`
: Margin. Flourish type hint: number, defaults to `NULL`

`chart_layout_footer_logo_order`
: Position. Choices: left, right. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_align_vertical`
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_border`
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_border_width`
: Width. Flourish type hint: number, defaults to `NULL`

`chart_layout_footer_border_color`
: Color. Flourish type hint: color, defaults to `NULL`

`chart_layout_footer_border_style`
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to `NULL`

`chart_layout_footer_border_space`
: Space. Space between border and footer text. Flourish type hint: number, defaults to `NULL`

`chart_layout_screenreader_text_primary`
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to `NULL`

`chart_layout_screenreader_label`
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to `NULL`

`chart_layout_screenreader_hide_primary`
: Screenreader mode for main visual container. Choices: `TRUE`, `FALSE`. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to `NULL`

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "survey", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_survey_data(gapminder) |>
  set_survey_details()
)
```

`set_svg_annotator_details` *Set svg annotator chart details*

Description

Set svg annotator chart details

Usage

```
set_svg_annotator_details(
  .,
  svg_url = NULL,
  svg_width_wide = NULL,
  mobile_view = NULL,
  mobile_breakpoint = NULL,
  mobile_svg_mode = NULL,
  mobile_svg_url = NULL,
  mobile_svg_width = NULL,
  mobile_content_mode = NULL,
  clickable_svg_animation = NULL,
  clickable_svg_animation_duration = NULL,
  clickable_svg_animation_config = NULL,
  clickable_svg_animation_attr = NULL,
  clickable_svg_animation_values = NULL,
  clickable_svg_animation_repeat = NULL,
  text_panel_enabled = NULL,
  h1_default = NULL,
  h1_size = NULL,
  h2_default = NULL,
  h2_size = NULL,
  content_default = NULL,
  content_size = NULL,
  chart_popup_mode = NULL,
  chart_popup_popup_is_custom = NULL,
  chart_popup_show_popup_styles = NULL,
  chart_popup_popup_custom_header = NULL,
  chart_popup_popup_custom_main = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
```

```
chart_popup_popup_text_color = NULL,
chart_popup_popup_align = NULL,
chart_popup_popup_background = NULL,
chart_popup_popup_background_opacity = NULL,
chart_popup_popup_padding = NULL,
chart_popup_popup_radius = NULL,
chart_popup_popup_header_type = NULL,
chart_popup_popup_header_background = NULL,
chart_popup_popup_header_text_color = NULL,
chart_popup_popup_list_type = NULL,
chart_popup_popup_list_label_weight = NULL,
chart_popup_popup_list_separator = NULL,
chart_popup_popup_shadow = NULL,
chart_popup_popup_pointer = NULL,
chart_popup_panel_position = NULL,
chart_popup_panel_open_duration = NULL,
chart_popup_panel_side_fixed = NULL,
chart_popup_panel_side_default_content = NULL,
chart_popup_panel_is_custom = NULL,
chart_popup_show_panel_styles = NULL,
chart_popup_panel_custom_header = NULL,
chart_popup_panel_custom_main = NULL,
chart_popup_panel_width_overlay = NULL,
chart_popup_panel_height_overlay = NULL,
chart_popup_panel_width_side = NULL,
chart_popup_panel_height_side = NULL,
chart_popup_panel_max_width = NULL,
chart_popup_panel_max_height = NULL,
chart_popup_panel_vertical_position = NULL,
chart_popup_panel_text_color = NULL,
chart_popup_panel_font_size = NULL,
chart_popup_panel_align = NULL,
chart_popup_panel_background = NULL,
chart_popup_panel_background_opacity = NULL,
chart_popup_panel_padding = NULL,
chart_popup_panel_radius = NULL,
chart_popup_panel_list_type = NULL,
chart_popup_panel_list_label_weight = NULL,
chart_popup_panel_list_separator = NULL,
chart_popup_panel_shadow = NULL,
svg_reset_fonts = NULL,
show_css = NULL,
stylesheet = NULL,
chart_layout_body_font = NULL,
chart_layout_font_color = NULL,
chart_layout_background_color_enabled = NULL,
chart_layout_background_image_enabled = NULL,
chart_layout_background_color = NULL,
```

```
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
```

```
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
```

```
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_hide_primary = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
svg_url	SVG file. Flourish type hint: url, defaults to NULL
svg_width_wide	Image width. The width in % of the image in standard wide-screen view. Flourish type hint: number, defaults to NULL
mobile_view	Different mobile view. Flourish type hint: boolean, defaults to NULL
mobile_breakpoint	Breakpoint. The size in pixels at which to switch to mobile layout. Flourish type hint: number, defaults to NULL
mobile_svg_mode	Image on mobile. Choices: none, same, different. Whether to show the image at all on mobile. Flourish type hint: string, defaults to NULL
mobile_svg_url	SVG file (mobile). Flourish type hint: url, defaults to NULL
mobile_svg_width	Width. The width in % of the image on a mobile view. Flourish type hint: number, defaults to NULL
mobile_content_mode	Mobile content mode. Choices: interactive, all, accordion. If turned on all content will display on load in mobile view. Flourish type hint: string, defaults to NULL
clickable_svg_animation	Animation clickable elements. Choices: off, animation. Flourish type hint: string, defaults to NULL
clickable_svg_animation_duration	Duration. The duration of the highlight animation on each clickable element. Flourish type hint: number, defaults to NULL
clickable_svg_animation_config	Advanced. Reveal settings to adjust the SVG Animation properties on clickable elements. See https://developer.mozilla.org/en-US/docs/Web/SVG/Element/animate for more details. Flourish type hint: boolean, defaults to NULL
clickable_svg_animation_attr	Attribute. Flourish type hint: string, defaults to NULL

clickable_svg_animation_values
: Values. Flourish type hint: string, defaults to NULL

clickable_svg_animation_repeat
: Repeat. Flourish type hint: string, defaults to NULL

text_panel_enabled
: Text panel enabled. Set to disabled to only show text in popups. Flourish type hint: boolean, defaults to NULL

h1_default
: Default heading. The text to show on load. Flourish type hint: text, defaults to NULL

h1_size
: Size. Flourish type hint: number, defaults to NULL

h2_default
: Default subheading. The text to show on load. Flourish type hint: text, defaults to NULL

h2_size
: Size. Flourish type hint: number, defaults to NULL

content_default
: Default subheading. The text to show on load. Flourish type hint: text, defaults to NULL

content_size
: Size. Flourish type hint: number, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. The text to appear in the popup. You can use {{column_name}} to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{# if column_name}}Text to displa
For example: {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}
Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. The text to appear in the popup. You can use {{column_name}} to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{# if column_name}}Text to display when column_name is not empty{{/if}}.
For example: {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}
Flourish type hint: html, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. The text to appear in the panel. You can use {{column_name}} to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{# if column_name}}Text to displa
For example: {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}
Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. The text to appear in the panel. You can use {{column_name}} to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{# if column_name}}Text to display when column_name is not empty{{/if}}.
For example: {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}
Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing "Click position" is especially useful when your visualisation is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

svg_reset_fonts
: Override fonts in SVG. If enabled, font-family styles will be removed in the SVG, allowing the text to be inherited from the current theme or settings. Flourish type hint: boolean, defaults to NULL

show_css
: Edit CSS. Flourish type hint: boolean, defaults to NULL

stylesheet
: Custom styles. Use the class .clickable-element to target all interactive elements. When one is clicked, it is .highlighted and the others are .faded. The text for each clickable element is inside a .text-block, which is also .accordion in accordion mode. Flourish type hint: code, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default, but you can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, but you can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Choices: stack-default, stack-2, stack-3, stack-4. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements such as axes. Note that when direction is set to "right to left" any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualisation container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. Flourish type hint: string, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background colour is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders. (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders. Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "svg_annotator", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_svg_annotator_data(gapminder) |>
  set_svg_annotator_details()
)
```

---

set_table_details *Set table chart details*

Description

Set table chart details

Usage

```
set_table_details(
  .,
  table_min_width = NULL,
  table_border_width = NULL,
  table_border_color = NULL,
  sorting_enabled = NULL,
  sorting_custom_columns = NULL,
  pagination_amount = NULL,
  markdown_enabled = NULL,
  cell_height = NULL,
  cell_padding_vertical = NULL,
  cell_padding_horizontal = NULL,
  cell_wrap = NULL,
  cell_horizontal_alignment = NULL,
  cell_numeric_horizontal_alignment = NULL,
  cell_vertical_alignment = NULL,
  cell_fill_1 = NULL,
```

```
  cell_fill_2 = NULL,
  cell_fill_direction = NULL,
  cell_fill_custom_enabled = NULL,
  cell_fill_custom_categorical = NULL,
  cell_fill_custom_numeric = NULL,
  cell_fill_margin_vertical = NULL,
  cell_fill_margin_horizontal = NULL,
  cell_border_mode = NULL,
  cell_border_color = NULL,
  cell_border_width = NULL,
  cell_border_style = NULL,
  cell_font_color = NULL,
  cell_link_color = NULL,
  cell_font_size = NULL,
  cell_font_size_custom = NULL,
  column_width_mode = NULL,
  column_widths = NULL,
  header_font_weight = NULL,
  header_fill = NULL,
  header_font_color = NULL,
  header_underline_sorting = NULL,
  header_style_default = NULL,
  header_height = NULL,
  header_padding = NULL,
  header_horizontal_alignment = NULL,
  header_font_default = NULL,
  header_font_size = NULL,
  header_border_default = NULL,
  header_border_color = NULL,
  header_border_width = NULL,
  header_border_style = NULL,
  cell_image_height = NULL,
  cell_image_radius = NULL,
  bar_columns_enabled = NULL,
  bar_columns_bar_1_columns = NULL,
  bar_columns_bar_1_column_name = NULL,
  bar_columns_type = NULL,
  bar_columns_bar_1_height = NULL,
  bar_columns_bar_1_width = NULL,
  bar_columns_bar_1_column_padding = NULL,
  bar_columns_bar_1_proportional = NULL,
  bar_columns_bar_1_same_scale = NULL,
  bar_columns_bar_1_zero_line = NULL,
  bar_columns_bar_1_zero_line_color = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
```

```
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  bar_columns_bar_1_labels = NULL,
  bar_columns_bar_1_label_size = NULL,
  chart_legend_show_legend = NULL,
  chart_legend_title_mode = NULL,
  chart_legend_title = NULL,
  chart_legend_swatch_width = NULL,
  chart_legend_swatch_height = NULL,
  chart_legend_swatch_radius = NULL,
  chart_legend_legend_items_padding = NULL,
  chart_legend_swatch_outline = NULL,
  chart_legend_swatch_outline_color = NULL,
  chart_legend_order_override = NULL,
  chart_legend_icon_height = NULL,
  chart_legend_icon_color = NULL,
  chart_legend_max_width = NULL,
  chart_legend_orientation = NULL,
  legend_position = NULL,
  chart_legend_container_alignment = NULL,
  chart_legend_container_orientation = NULL,
  chart_legend_container_title_weight = NULL,
  chart_legend_container_text_weight = NULL,
  chart_legend_container_text_color = NULL,
  chart_legend_container_text_size = NULL,
  line_columns_enabled = NULL,
  line_columns_line_1_columns = NULL,
  line_columns_line_1_column_name = NULL,
```

```
line_columns_line_1_width = NULL,
line_columns_line_1_height = NULL,
line_columns_line_1_color = NULL,
line_columns_line_1_area = NULL,
line_columns_line_1_min_enabled = NULL,
line_columns_line_1_min = NULL,
line_columns_line_1_max_enabled = NULL,
line_columns_line_1_max = NULL,
mobile_view = NULL,
mobile_breakpoint = NULL,
mobile_cell_font_size = NULL,
mobile_cell_font_size_custom = NULL,
mobile_pagination_amount = NULL,
search_enabled = NULL,
search_mode = NULL,
search_width = NULL,
search_background_color = NULL,
search_text_color = NULL,
search_placeholder = NULL,
no_results_text = NULL,
search_hide_table = NULL,
search_hide_published = NULL,
search_columns = NULL,
search_columns_custom = NULL,
search_resize = NULL,
search_dropdown = NULL,
search_dropdown_persistent = NULL,
search_val = NULL,
chart_popup_show_popups = NULL,
chart_popup_is_custom = NULL,
chart_popup_custom_template = NULL,
chart_popup_show_pointer = NULL,
chart_popup_show_shadow = NULL,
chart_popup_style_popups = NULL,
chart_popup_text_color = NULL,
chart_popup_align = NULL,
chart_popup_text_size = NULL,
chart_popup_fill_color = NULL,
chart_popup_opacity = NULL,
chart_popup_padding = NULL,
chart_popup_border_radius = NULL,
chart_popup_max_width = NULL,
formatted_columns = NULL,
chart_number_date_format_prefix = NULL,
chart_number_date_format_suffix = NULL,
chart_number_date_format_n_dec = NULL,
chart_number_date_format_advanced = NULL,
chart_number_date_format_negative_sign = NULL,
```

```
  chart_number_date_format_strip_zeros = NULL,
  chart_number_date_format_strip_separator = NULL,
  chart_number_date_format_transform_labels = NULL,
  chart_number_date_format_transform = NULL,
  chart_number_date_format_multiply_divide_constant = NULL,
  chart_number_date_format_exponentiate_constant = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
```

```
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
```

```
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL,
  chart_url_settings_enabled = NULL,
  chart_url_settings_whitelist = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
table_min_width	Min width. Flourish type hint: number, defaults to NULL
table_border_width	Border. Flourish type hint: number, defaults to NULL
table_border_color	Border color. Flourish type hint: color, defaults to NULL

`sorting_enabled`
: Sortable columns. Choices: all, none, custom. Determines whether a viewer can sort the table by clicking on the column headers. Custom allows the user only to sort listed columns. Flourish type hint: string, defaults to `NULL`

`sorting_custom_columns`
: Columns to make sortable. Write each column name you want to make sortable on a new line. Flourish type hint: text, defaults to `NULL`

`pagination_amount`
: Rows per page. If you dont want pagination, set this number to a value greater than the number of rows in your data. Flourish type hint: number, defaults to `NULL`

`markdown_enabled`
: Cell text styling. Choices: `TRUE`, `FALSE`. Enables Markdown for your cells. For example for *italic*, **bold** text. Flourish type hint: boolean, defaults to `NULL`

`cell_height`
: Min height. Flourish type hint: number, defaults to `NULL`

`cell_padding_vertical`
: Padding vertical. Flourish type hint: number, defaults to `NULL`

`cell_padding_horizontal`
: Padding horizontal. Flourish type hint: number, defaults to `NULL`

`cell_wrap`
: Wrap text in cell. Flourish type hint: boolean, defaults to `NULL`

`cell_horizontal_alignment`
: Text. Choices: start, center, end. Flourish type hint: string, defaults to `NULL`

`cell_numeric_horizontal_alignment`
: Numbers. Choices: start, center, end. Flourish type hint: string, defaults to `NULL`

`cell_vertical_alignment`
: Vertical alignment. Choices: top, center, bottom. Flourish type hint: string, defaults to `NULL`

`cell_fill_1`
: Main color. Flourish type hint: color, defaults to `NULL`

`cell_fill_2`
: Stripe color. Flourish type hint: color, defaults to `NULL`

`cell_fill_direction`
: Stripe direction. Choices: horizontal, vertical. Flourish type hint: string, defaults to `NULL`

`cell_fill_custom_enabled`
: Color cells based on content. Flourish type hint: boolean, defaults to `NULL`

`cell_fill_custom_categorical`
: Categorical coloring. To color cells based on their content, use the format: cell-color/text-color : cell-text : column name OR row-number To specify a row, write "row-" followed by the row number from the datasheet. Its also possible to leave out the column name or row number if you want to target all the cells in the table For example: red/white : Chelsea Use * in place of cell-text to select an entire column or row. For example: #0000dd/#ffffff : Alabama #ffffff/#dddddd : * : State #0000dd/#ffffff : * : row-2 #ffffff/#dddddd : n/a : Capital Flourish type hint: text, defaults to `NULL`

`cell_fill_custom_numeric`
: Numeric coloring. Color cells numerically based on their content. For sequential coloring, use the format: min_color » max_color : column_name : domain_min » domain_max The domain is optional, for example: #ffffff » #00ff00

: Population #ffffff » #00ff00 : Population : 0 » 1000000000 For diverging coloring, use the format: min_color » midpt_color » max_color : col_name : domain_min » domain_mid » domain_max The domain is optional, for example: #ffffff » #00ff00 » #ff00ff : Vote share #ffffff » #00ff00 » #ff00ff : Vote share : 0 » 50 » 100 Where both numeric and categorical coloring are used on a cell, categorical will override numeric. Flourish type hint: text, defaults to NULL

`cell_fill_margin_vertical`
: Vertical margin. Flourish type hint: number, defaults to NULL

`cell_fill_margin_horizontal`
: Horizontal margin. Flourish type hint: number, defaults to NULL

`cell_border_mode`
: Mode. Choices: none, horizontal, vertical, both. Flourish type hint: string, defaults to NULL

`cell_border_color`
: Color. Flourish type hint: color, defaults to NULL

`cell_border_width`
: Thickness. Flourish type hint: number, defaults to NULL

`cell_border_style`
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`cell_font_color`
: Color. Flourish type hint: color, defaults to NULL

`cell_link_color`
: Link color. Flourish type hint: color, defaults to NULL

`cell_font_size` Size. Choices: 1, 1.25, 1.5, custom. Flourish type hint: string, defaults to NULL

`cell_font_size_custom`
: Custom. Specify a custom responsive font size in rems Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`column_width_mode`
: Choices: auto, equal, fixed. Flourish type hint: string, defaults to NULL

`column_widths` Column widths. A comma separated lists of column widths. The first column will be the first number in the list. You can use "px" to set fixed widths or "%" to use percentage of total width. (e.g. 200px,200px,25%). Flourish type hint: string, defaults to NULL

`header_font_weight`
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`header_fill` Background. Flourish type hint: color, defaults to NULL

`header_font_color`
: Color. Flourish type hint: color, defaults to NULL

`header_underline_sorting`
: Underline sorting header. Flourish type hint: boolean, defaults to NULL

`header_style_default`
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`header_height` Height. Flourish type hint: number, defaults to NULL

`header_padding` Padding. Flourish type hint: number, defaults to NULL

header_horizontal_alignment
: Horizontal alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

header_font_default
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

header_font_size
: Size. Flourish type hint: number, defaults to NULL

header_border_default
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

header_border_color
: Color. Flourish type hint: color, defaults to NULL

header_border_width
: Thickness. Flourish type hint: number, defaults to NULL

header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

cell_image_height
: Height. as a percentage of the cell height. Flourish type hint: number, defaults to NULL

cell_image_radius
: Rounded corners. Sets the radius of the corner roundness (in %). A value of 50 means your image will show as a circle. Flourish type hint: number, defaults to NULL

bar_columns_enabled
: Choices: TRUE, FALSE. This setting will convert numerical values in your data to a simple visual bar chart. Flourish type hint: boolean, defaults to NULL

bar_columns_bar_1_columns
: Which columns should be part of the bar chart?. Just write down the column names on a new line. Flourish type hint: text, defaults to NULL

bar_columns_bar_1_column_name
: New column name. Flourish type hint: string, defaults to NULL

bar_columns_type
: Bar type. Choices: bars, columns. Flourish type hint: string, defaults to NULL

bar_columns_bar_1_height
: Max height. Flourish type hint: number, defaults to NULL

bar_columns_bar_1_width
: Width. Flourish type hint: number, defaults to NULL

bar_columns_bar_1_column_padding
: Padding. Flourish type hint: number, defaults to NULL

bar_columns_bar_1_proportional
: Mode. Choices: FALSE, TRUE. Display data in a proportional bar chart or a standard stacked bar chart with a fixed min and max, e.g. for negative numbers. Flourish type hint: boolean, defaults to NULL

bar_columns_bar_1_same_scale
: Consistent scale. If enabled, all the bar charts in the table will use the same X scale. Flourish type hint: boolean, defaults to NULL

`bar_columns_bar_1_zero_line`
: Show zero line. Flourish type hint: boolean, defaults to `NULL`

`bar_columns_bar_1_zero_line_color`
: Zero line color. Flourish type hint: color, defaults to `NULL`

`chart_color_scale_categorical_palette`
: Palette. Flourish type hint: colors, defaults to `NULL`

`chart_color_scale_categorical_extend`
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_categorical_custom_palette`
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to `NULL`

`chart_color_scale_numeric_type`
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_binning`
: Choices: `FALSE`, `TRUE`. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_bin_mode`
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_bin_count`
: Number of bins. Flourish type hint: number, defaults to `NULL`

`chart_color_scale_bin_thresholds`
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_sequential_palette`
: Palette. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_sequential_reverse`
: Reverse. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_sequential_custom_min`
: Minimum color. Flourish type hint: color, defaults to `NULL`

`chart_color_scale_sequential_custom_max`
: Maximum color. Flourish type hint: color, defaults to `NULL`

`chart_color_scale_sequential_color_space`
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to `NULL`

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

bar_columns_bar_1_labels
: Labels. Choices: none, popup, inline. Flourish type hint: string, defaults to NULL

bar_columns_bar_1_label_size
: Inline label size. Flourish type hint: number, defaults to NULL

chart_legend_show_legend
: Legend. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

legend_position
: Legend position. Choices: above, below. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
: Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
: Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
: Size. Flourish type hint: number, defaults to NULL

line_columns_enabled
: Choices: TRUE, FALSE. This setting will convert numerical values in your data to a simple visual line chart. Flourish type hint: boolean, defaults to NULL

line_columns_line_1_columns
: Which columns should be part of the line chart?. Write down the column names on a new line. Flourish type hint: text, defaults to NULL

line_columns_line_1_column_name
: New column name. Flourish type hint: string, defaults to NULL

line_columns_line_1_width
: Width. Flourish type hint: number, defaults to NULL

line_columns_line_1_height
: Max height. Flourish type hint: number, defaults to NULL

line_columns_line_1_color
: Color. Flourish type hint: color, defaults to NULL

line_columns_line_1_area
: Area chart. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

line_columns_line_1_min_enabled
: Min. Choices: TRUE, FALSE. Use a fixed min value. Flourish type hint: boolean, defaults to NULL

line_columns_line_1_min
: Min value. Flourish type hint: number, defaults to NULL

line_columns_line_1_max_enabled
: Max. Choices: TRUE, FALSE. Use a fixed max value. Flourish type hint: boolean, defaults to NULL

line_columns_line_1_max
: Max value. Flourish type hint: number, defaults to NULL

mobile_view
: Mobile view. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

mobile_breakpoint
: Mobile breakpoint width. Flourish type hint: number, defaults to NULL

mobile_cell_font_size
: Text size. Choices: 1, 1.25, 1.5, custom. Flourish type hint: string, defaults to NULL

mobile_cell_font_size_custom
: Custom. Specify a custom responsive font size in rems Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

mobile_pagination_amount
: Rows per page. If you dont want pagination, set this number to a value greater than the number of rows in your data. Flourish type hint: number, defaults to NULL

search_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

search_mode
: Search mode. Choices: anywhere, start, whole. Anywhere : Search for the specified text anywhere in the cell Start : Search for the specified text at the beginning of the cell Whole : Search for the exact specified text in the cell. Flourish type hint: string, defaults to NULL

search_width
: Width. Width of search container. Flourish type hint: number, defaults to NULL

search_background_color
: Background. Flourish type hint: color, defaults to NULL

search_text_color
: Text color. Flourish type hint: color, defaults to NULL

search_placeholder
: Placeholder text. Flourish type hint: string, defaults to NULL

no_results_text
: Text when no results. Flourish type hint: string, defaults to NULL

search_hide_table
: Hide table before search. Flourish type hint: boolean, defaults to NULL

search_hide_published
: Hide search when published. Keeps the search box visible in the editor (e.g. for filtering in a story) but hides it in the published visualization or storyFlourish type hint: boolean, defaults to NULL

search_columns
: Columns to search. Choices: all, first, custom. Choose which columns you want to search through. You might want to narrow this down with big datasets to speed it up You can select specific columns by writing them down on a new line, like this: Column A Column B. Flourish type hint: string, defaults to NULL

search_columns_custom
: Flourish type hint: text, defaults to NULL

search_resize
: Resize table after searching. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

search_dropdown
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

search_dropdown_persistent
: Always show dropdown suggestions. Flourish type hint: boolean, defaults to NULL

search_val
: Search value. The current string value of the search box. Flourish type hint: hidden, defaults to NULL

chart_popup_show_popups
: Popups. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_popup_is_custom
: Popup contents. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_custom_template
: Popup content. The text to appear in the popup. You can use {{column_name}} to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. Advanced users can include HTML to apply layouts, formatting, images, etc. Flourish type hint: text, defaults to NULL

chart_popup_show_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_show_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_style_popups
: Custom styling. Flourish type hint: boolean, defaults to NULL

chart_popup_text_color
: Text colour. Flourish type hint: color, defaults to NULL

chart_popup_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_popup_text_size
: Font size. Flourish type hint: number, defaults to NULL

chart_popup_fill_color
: Fill colour. Flourish type hint: color, defaults to NULL

chart_popup_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_border_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_max_width
: Max width. Flourish type hint: number, defaults to NULL

formatted_columns
: Columns to format. Write down the column names on a new line that you want to apply formatting to. Flourish type hint: text, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

chart_url_settings_enabled
: Update project from URL. Make it possible to change the visualizations settings/state from the URL hash, for example when embedding in an iframe or popup panel. Flourish type hint: boolean, defaults to NULL

chart_url_settings_whitelist
: Allowed state properties. List each state property you want to make changeable with the URL hash See the template page for a full list of state properties. Add one property name per line. Use dot format for nested properties, e.g. `layout.background_color`. Flourish type hint: text, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "table", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_table_data(gapminder) |>
  set_table_details()
)
```

set_text_annotator_details *Set text annotator chart details*

Description

Set text annotator chart details

Usage

```
set_text_annotator_details(
  .,
  text = NULL,
  highlight_color = NULL,
  layout_align = NULL,
  text_container_width = NULL,
  text_font_size = NULL,
  text_font_color = NULL,
  text_font_color_highlighted = NULL,
  text_font_color_highlighted_contrast = NULL,
  text_highlight_type = NULL,
  text_highlight_handdrawn = NULL,
  highlighted_stroke_end = NULL,
  highlighted_stroke_amount = NULL,
  highlighted_stroke_width = NULL,
  note_type = NULL,
  note_visibility = NULL,
  note_font_size = NULL,
  side_panel_width = NULL,
  note_font_color = NULL,
  note_background_color = NULL,
  note_custom_content = NULL,
  note_mobile_mode = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
```

```
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
```

```
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
```

```
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
text	Text. Fill in the text you want to annotate In the datasheet, you can write which parts of the text should be annotated. If you want to annotate a specific part of the text that occurs more than once, you can add identifiers to your text. For example, annotating the word beautiful would look like: `[beautiful]{beautiful-annotation}`. Then, in the datasheet, you can write beautiful-annotation in the first column and the text to include in the annotation in the second column. Flourish type hint: html, defaults to NULL
highlight_color	Highlight color. Flourish type hint: color, defaults to NULL
layout_align	Align. Choices: center, start. Flourish type hint: string, defaults to NULL
text_container_width	Width. Max width of text container. Flourish type hint: number, defaults to NULL
text_font_size	Font size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
text_font_color	Text color. Flourish type hint: color, defaults to NULL
text_font_color_highlighted	Text color (highlighted). Flourish type hint: color, defaults to NULL
text_font_color_highlighted_contrast	Text color (highlighted). Flourish type hint: color, defaults to NULL
text_highlight_type	Highlight type. Choices: handdrawn, background, text_color, underline. Flourish type hint: string, defaults to NULL
text_highlight_handdrawn	Handdrawn type. Choices: circle, highlight, box, underline. Flourish type hint: string, defaults to NULL

highlighted_stroke_end
: Stroke end. Choices: round,Flourish type hint: string, defaults to NULL

highlighted_stroke_amount
: Iterations. Number of lines to draw. Flourish type hint: number, defaults to NULL

highlighted_stroke_width
: Thickness. Flourish type hint: number, defaults to NULL

note_type
: Mode. Choices: side-panel, inline. Flourish type hint: string, defaults to NULL

note_visibility
: Show notes. Choices: always, click. Flourish type hint: string, defaults to NULL

note_font_size
: Text size. Flourish type hint: number, defaults to NULL

side_panel_width
: Width. Max width of side panel. Flourish type hint: number, defaults to NULL

note_font_color
: Text color. Flourish type hint: color, defaults to NULL

note_background_color
: Background color. Flourish type hint: color, defaults to NULL

note_custom_content
: Note content. Use {{NOTE}} to show the annotation content. Use this setting to add prefixes, suffixes or additional HTML styling to your annotations. Flourish type hint: html, defaults to NULL

note_mobile_mode
: Mobile mode. Choices: side-panel, inline, overlay. Choose where to display the notes on smaller screens. Flourish type hint: string, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y,

%H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "text_annotator", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_text_annotator_data(gapminder) |>
  set_text_annotator_details()
)
```

---

set_timeline_details *Set timeline chart details*

Description

Set timeline chart details

Usage

```
set_timeline_details(
  .,
  widescreen_orientation = NULL,
  height_mode = NULL,
  facet_aspect = NULL,
  facet_aspect_custom = NULL,
  facet_aspect_breakpoint = NULL,
  facet_aspect_mobile = NULL,
  facet_aspect_mobile_custom = NULL,
  line_color = NULL,
  line_width = NULL,
  line_cap = NULL,
  events_scale_type = NULL,
  background_opacity = NULL,
  background_sizing = NULL,
  background_zoom = NULL,
  background_gradient_size = NULL,
  background_gradient_opacity = NULL,
  background_gradient_blur = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
```

```
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  marker_size = NULL,
  marker_background_color = NULL,
  marker_background_color_custom = NULL,
  marker_border_width = NULL,
  marker_border_color = NULL,
  marker_border_color_custom = NULL,
  connector_size = NULL,
  connector_space = NULL,
  connector_color = NULL,
  connector_opacity = NULL,
  content_background_color = NULL,
  content_padding = NULL,
  content_space_between = NULL,
  content_consistent_size = NULL,
  content_border_radius = NULL,
  individual_borders = NULL,
  content_border_width = NULL,
  content_border_opacity = NULL,
  content_border_color = NULL,
  content_border_color_custom = NULL,
  content_border_top_width = NULL,
  content_border_top_opacity = NULL,
  content_border_top_color = NULL,
  content_border_top_color_custom = NULL,
```

```
  content_border_right_width = NULL,
  content_border_right_opacity = NULL,
  content_border_right_color = NULL,
  content_border_right_color_custom = NULL,
  content_border_bottom_width = NULL,
  content_border_bottom_opacity = NULL,
  content_border_bottom_color = NULL,
  content_border_bottom_color_custom = NULL,
  content_border_left_width = NULL,
  content_border_left_opacity = NULL,
  content_border_left_color = NULL,
  content_border_left_color_custom = NULL,
  content_title_alignment = NULL,
  content_title_styling = NULL,
  content_title_line_height = NULL,
  content_title_size = NULL,
  content_title_size_custom = NULL,
  content_title_weight = NULL,
  content_title_color = NULL,
  content_title_color_custom = NULL,
  content_title_space_above = NULL,
  content_title_space_above_custom = NULL,
  content_subtitle_alignment = NULL,
  content_subtitle_styling = NULL,
  content_subtitle_line_height = NULL,
  content_subtitle_size = NULL,
  content_subtitle_size_custom = NULL,
  content_subtitle_weight = NULL,
  content_subtitle_color = NULL,
  content_subtitle_color_custom = NULL,
  content_subtitle_space_above = NULL,
  content_subtitle_space_above_custom = NULL,
  content_text_alignment = NULL,
  content_text_styling = NULL,
  content_text_line_height = NULL,
  content_text_size = NULL,
  content_text_size_custom = NULL,
  content_text_weight = NULL,
  content_text_color = NULL,
  content_text_color_custom = NULL,
  content_text_space_above = NULL,
  content_text_space_above_custom = NULL,
  link_weight = NULL,
  link_color = NULL,
  link_underline = NULL,
  image_location = NULL,
  image_opacity = NULL,
  image_display = NULL,
```

```
  image_sizing = NULL,
  image_zoom = NULL,
  image_content_sizing = NULL,
  image_content_zoom = NULL,
  image_float_position = NULL,
  image_inline_position = NULL,
  image_alignment = NULL,
  content_banner_depth = NULL,
  content_banner_depth_custom = NULL,
  image_width = NULL,
  image_margin = NULL,
  image_aspect = NULL,
  navigation_step_type = NULL,
  navigation_screen_proportion = NULL,
  navigation_event_number = NULL,
  navigation_icon_type = NULL,
  navigation_icon_size = NULL,
  navigation_icon_opacity = NULL,
  navigation_icon_custom = NULL,
  navigation_icon_color = NULL,
  navigation_gradient_color = NULL,
  navigation_gradient_width = NULL,
  navigation_gradient_opacity = NULL,
  chart_x_axis_axis_position = NULL,
  chart_x_axis_y_axis_position = NULL,
  chart_x_axis_numeric_scale_type = NULL,
  chart_x_axis_linear_min = NULL,
  chart_x_axis_linear_max = NULL,
  chart_x_axis_log_min = NULL,
  chart_x_axis_log_max = NULL,
  chart_x_axis_datetime_min = NULL,
  chart_x_axis_datetime_max = NULL,
  chart_x_axis_flip = NULL,
  chart_x_axis_show_scale_settings = NULL,
  chart_x_axis_nice = NULL,
  chart_x_axis_zero_axis = NULL,
  chart_x_axis_title_mode = NULL,
  chart_x_axis_title = NULL,
  chart_x_axis_title_styling = NULL,
  chart_x_axis_title_weight = NULL,
  chart_x_axis_title_color = NULL,
  chart_x_axis_title_size = NULL,
  chart_x_axis_title_padding = NULL,
  chart_x_axis_tick_label_position = NULL,
  chart_x_axis_tick_label_styling = NULL,
  chart_x_axis_tick_label_size = NULL,
  chart_x_axis_tick_label_color = NULL,
  chart_x_axis_tick_padding = NULL,
```

```
  chart_x_axis_tick_label_angle = NULL,
  chart_x_axis_tick_label_weight = NULL,
  chart_x_axis_tick_label_max_lines = NULL,
  chart_x_axis_tick_label_line_height = NULL,
  chart_x_axis_tick_label_space_mode = NULL,
  chart_x_axis_tick_label_space = NULL,
  chart_x_axis_tick_mode = NULL,
  chart_x_axis_tick_number = NULL,
  chart_x_axis_tick_custom = NULL,
  chart_x_axis_line_and_tick_color = NULL,
  chart_x_axis_line_and_tick_width = NULL,
  chart_x_axis_tick_length = NULL,
  chart_x_axis_tick_side = NULL,
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  chart_x_axis_edge_padding = NULL,
  chart_x_axis_gridlines_visible = NULL,
  chart_x_axis_gridlines_styling = NULL,
  chart_x_axis_gridline_color = NULL,
  chart_x_axis_gridline_style = NULL,
  chart_x_axis_gridline_width = NULL,
  chart_x_axis_gridline_category_dividers = NULL,
  chart_x_axis_gridline_category_dividers_extend = NULL,
  chart_y_axis_axis_visible = NULL,
  chart_y_axis_numeric_scale_type = NULL,
  chart_y_axis_linear_min = NULL,
  chart_y_axis_linear_max = NULL,
  chart_y_axis_log_min = NULL,
  chart_y_axis_log_max = NULL,
  chart_y_axis_datetime_min = NULL,
  chart_y_axis_datetime_max = NULL,
  chart_y_axis_flip = NULL,
  chart_y_axis_show_scale_settings = NULL,
  chart_y_axis_nice = NULL,
  chart_y_axis_zero_axis = NULL,
  chart_y_axis_title_mode = NULL,
  chart_y_axis_title = NULL,
  chart_y_axis_title_styling = NULL,
  chart_y_axis_title_position = NULL,
  chart_y_axis_title_weight = NULL,
  chart_y_axis_title_color = NULL,
  chart_y_axis_title_size = NULL,
  chart_y_axis_title_padding = NULL,
  chart_y_axis_tick_label_position = NULL,
  chart_y_axis_tick_label_styling = NULL,
  chart_y_axis_tick_label_size = NULL,
  chart_y_axis_tick_label_color = NULL,
  chart_y_axis_tick_padding = NULL,
  chart_y_axis_tick_label_angle = NULL,
```

```
  chart_y_axis_tick_label_weight = NULL,
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  chart_y_axis_tick_label_line_height = NULL,
  chart_y_axis_tick_label_space_mode = NULL,
  chart_y_axis_tick_label_space = NULL,
  chart_y_axis_tick_mode = NULL,
  chart_y_axis_tick_number = NULL,
  chart_y_axis_tick_custom = NULL,
  chart_y_axis_line_and_tick_color = NULL,
  chart_y_axis_line_and_tick_width = NULL,
  chart_y_axis_tick_length = NULL,
  chart_y_axis_tick_side = NULL,
  chart_y_axis_line_visible = NULL,
  chart_y_axis_edge_padding = NULL,
  chart_y_axis_gridlines_visible = NULL,
  chart_y_axis_gridlines_styling = NULL,
  chart_y_axis_gridline_color = NULL,
  chart_y_axis_gridline_style = NULL,
  chart_y_axis_gridline_width = NULL,
  chart_y_axis_gridline_category_dividers = NULL,
  chart_y_axis_gridline_category_dividers_extend = NULL,
  chart_categorical_legend_show_legend = NULL,
  chart_categorical_legend_title_mode = NULL,
  chart_categorical_legend_title = NULL,
  chart_categorical_legend_swatch_width = NULL,
  chart_categorical_legend_swatch_height = NULL,
  chart_categorical_legend_swatch_radius = NULL,
  chart_categorical_legend_legend_items_padding = NULL,
  chart_categorical_legend_swatch_outline = NULL,
  chart_categorical_legend_swatch_outline_color = NULL,
  chart_categorical_legend_order_override = NULL,
  chart_categorical_legend_icon_height = NULL,
  chart_categorical_legend_icon_color = NULL,
  chart_categorical_legend_max_width = NULL,
  chart_categorical_legend_orientation = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
```

```
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
```

```
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
```

```
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
widescreen_orientation	Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL
height_mode	Height mode. Choices: auto, standard, aspect. Auto: sets the height based on the chart type, data and width. Standard: uses the default Flourish responsive sizing. Aspect ratio: sets the aspect of each plot. This setting is ignored when embedded in a fixed-height context, such as a simple iframe embedFlourish type hint: string, defaults to NULL
facet_aspect	Desktop aspect. Choices: 0.75, 1, 1.5, custom. Aspect ratio of the visualization in desktop mode. Flourish type hint: string, defaults to NULL
facet_aspect_custom	Custom. 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
facet_aspect_breakpoint	Breakpoint. The width at which mobile mode ends and desktop begins. Flourish type hint: number, defaults to NULL
facet_aspect_mobile	Mobile aspect. Choices: 0.75, 1, 1.5, custom. Flourish type hint: string, defaults to NULL
facet_aspect_mobile_custom	Custom. 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
line_color	Color. Flourish type hint: color, defaults to NULL
line_width	Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

`line_cap` Cap. Choices: butt, round, square. The shape used to draw the end points. Flourish type hint: string, defaults to `NULL`

`events_scale_type`
Choices: linear, timescale. Flourish type hint: string, defaults to `NULL`

`background_opacity`
Opacity. Flourish type hint: number, defaults to `NULL`

`background_sizing`
Sizing. Choices: contain, cover, zoom. Flourish type hint: string, defaults to `NULL`

`background_zoom`
Zoom. Sets what size the image should fill the container as a percentage of the container size. Flourish type hint: number, defaults to `NULL`

`background_gradient_size`
Size. Flourish type hint: number, defaults to `NULL`

`background_gradient_opacity`
Opacity. Flourish type hint: number, defaults to `NULL`

`background_gradient_blur`
Blur. Flourish type hint: number, defaults to `NULL`

`chart_color_scale_categorical_palette`
Palette. Flourish type hint: colors, defaults to `NULL`

`chart_color_scale_categorical_extend`
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_categorical_custom_palette`
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to `NULL`

`chart_color_scale_numeric_type`
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_binning`
Choices: `FALSE`, `TRUE`. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to `NULL`

`chart_color_scale_bin_mode`
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to `NULL`

`chart_color_scale_bin_count`
Number of bins. Flourish type hint: number, defaults to `NULL`

`chart_color_scale_bin_thresholds`
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds.

From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

marker_size
: Size. Flourish type hint: number, defaults to NULL

marker_background_color
: Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

marker_background_color_custom
: Flourish type hint: color, defaults to NULL

marker_border_width
: Size. Flourish type hint: number, defaults to NULL

marker_border_color
: Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

marker_border_color_custom
: Flourish type hint: color, defaults to NULL

connector_size
: Size. Flourish type hint: number, defaults to NULL

connector_space
: Space. Sets the area around the markers to keep clear of content containers. Flourish type hint: number, defaults to NULL

connector_color
: Color. Flourish type hint: color, defaults to NULL

connector_opacity
: Opacity. Flourish type hint: number, defaults to NULL

content_background_color
: Background. Flourish type hint: color, defaults to NULL

content_padding
: Padding. Flourish type hint: number, defaults to NULL

content_space_between
: Space between. Defines the minimum amount of space between each content container. Flourish type hint: number, defaults to NULL

content_consistent_size
: Keep sizes consistent. Flourish type hint: boolean, defaults to NULL

content_border_radius
: Radius. Flourish type hint: number, defaults to NULL

individual_borders
: Style borders individually. Flourish type hint: boolean, defaults to NULL

content_border_width
: Width. Flourish type hint: number, defaults to NULL

content_border_opacity
: Opacity. Flourish type hint: number, defaults to NULL

content_border_color
: Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_border_color_custom
: Flourish type hint: color, defaults to NULL

content_border_top_width
: Width. Flourish type hint: number, defaults to NULL

content_border_top_opacity
: Opacity. Flourish type hint: number, defaults to NULL

content_border_top_color
: Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_border_top_color_custom
: Flourish type hint: color, defaults to NULL

content_border_right_width
: Width. Flourish type hint: number, defaults to NULL

content_border_right_opacity
: Opacity. Flourish type hint: number, defaults to NULL

content_border_right_color
: Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_border_right_color_custom
: Flourish type hint: color, defaults to NULL

content_border_bottom_width
: Width. Flourish type hint: number, defaults to NULL

content_border_bottom_opacity
: Opacity. Flourish type hint: number, defaults to NULL

content_border_bottom_color
: Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_border_bottom_color_custom
: Flourish type hint: color, defaults to NULL

content_border_left_width
: Width. Flourish type hint: number, defaults to NULL

content_border_left_opacity
: Opacity. Flourish type hint: number, defaults to NULL

content_border_left_color
: Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_border_left_color_custom
: Flourish type hint: color, defaults to NULL

content_title_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

content_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

content_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

content_title_size
: Size. Choices: 1.0, 1.2, custom. Flourish type hint: string, defaults to NULL

content_title_size_custom
: Custom. Specify a custom responsive font size. Best results will be with values between 0.8 and 3. Flourish type hint: number, defaults to NULL

content_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

content_title_color
: Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_title_color_custom
: Flourish type hint: color, defaults to NULL

content_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

content_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

content_subtitle_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

content_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

content_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

content_subtitle_size
: Size. Choices: 1.0, 1.2, custom. Flourish type hint: string, defaults to NULL

content_subtitle_size_custom
: Custom. Specify a custom responsive font size. Best results will be with values between 0.8 and 3. Flourish type hint: number, defaults to NULL

content_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

content_subtitle_color
: Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_subtitle_color_custom
: Flourish type hint: color, defaults to NULL

content_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

content_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

content_text_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

content_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

content_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

content_text_size
: Size. Choices: 1.0, 1.2, custom. Flourish type hint: string, defaults to NULL

content_text_size_custom
: Custom. Specify a custom responsive font size. Best results will be with values between 0.8 and 3. Flourish type hint: number, defaults to NULL

content_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

content_text_color
: Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_text_color_custom
: Flourish type hint: color, defaults to NULL

content_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

content_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

link_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

link_color
: Color. Flourish type hint: color, defaults to NULL

link_underline
: Underline. Flourish type hint: boolean, defaults to NULL

image_location
: Location. Choices: none, marker, content. Flourish type hint: string, defaults to NULL

image_opacity
: Opacity. Flourish type hint: number, defaults to NULL

image_display
: Content display. Choices: float, inline, banner, background. Flourish type hint: string, defaults to NULL

image_sizing
: Sizing. Choices: contain, cover, zoom. Flourish type hint: string, defaults to NULL

image_zoom
: Zoom. Sets what size the image should fill the container as a percentage of the container size. Flourish type hint: number, defaults to NULL

image_content_sizing
: Sizing. Choices: contain, cover, zoom. Flourish type hint: string, defaults to NULL

image_content_zoom
: Zoom. Sets what size the image should fill the container as a percentage of the container size. Flourish type hint: number, defaults to NULL

image_float_position
: Position. Choices: 1, 2. Flourish type hint: string, defaults to NULL

image_inline_position
: Position. Choices: 1, 2, 3. Flourish type hint: string, defaults to NULL

image_alignment
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

content_banner_depth
: Banner depth. Choices: 2, 4, 6, custom. Flourish type hint: string, defaults to NULL

content_banner_depth_custom
: Custom. Flourish type hint: number, defaults to NULL

image_width
: Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

image_margin
: Margin. Flourish type hint: number, defaults to NULL

image_aspect
: Aspect ratio. As a multiplier of the images width. For example: a value of 2, means the image height is 2 times the image width. Flourish type hint: number, defaults to NULL

navigation_step_type
: Step by. Choices: screen, event. Determines by which measure the timeline is approximately moved each time the navigation buttons are clicked. Flourish type hint: string, defaults to NULL

navigation_screen_proportion
: Proportion. Flourish type hint: number, defaults to NULL

navigation_event_number
: Number. Flourish type hint: number, defaults to NULL

navigation_icon_type
: Icon. Choices: default, custom. Flourish type hint: string, defaults to NULL

navigation_icon_size
: Size. Flourish type hint: number, defaults to NULL

navigation_icon_opacity
: Opacity. Flourish type hint: number, defaults to NULL

navigation_icon_custom
: Custom icon. Flourish type hint: url, defaults to NULL

navigation_icon_color
: Color. Flourish type hint: color, defaults to NULL

navigation_gradient_color
: Color. If undefined the color will default to the background of the visualization. Flourish type hint: color, defaults to NULL

navigation_gradient_width
: Width. Flourish type hint: number, defaults to NULL

navigation_gradient_opacity
: Opacity. Flourish type hint: number, defaults to NULL

chart_x_axis_axis_position
: Position. Choices: bottom, top, hidden. Flourish type hint: string, defaults to NULL

chart_x_axis_y_axis_position
: Y value. Vertical position of the X axis on the Y scale. Flourish type hint: string, defaults to NULL

chart_x_axis_numeric_scale_type
: Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_x_axis_linear_min
: Min. Flourish type hint: number, defaults to NULL

chart_x_axis_linear_max
: Max. Flourish type hint: number, defaults to NULL

chart_x_axis_log_min
: Min. Flourish type hint: number, defaults to NULL

chart_x_axis_log_max
: Max. Flourish type hint: number, defaults to NULL

chart_x_axis_datetime_min
: Min (date). Flourish type hint: string, defaults to NULL

chart_x_axis_datetime_max
: Max (date). Flourish type hint: string, defaults to NULL

chart_x_axis_flip
: Flip axis. Flourish type hint: boolean, defaults to NULL

chart_x_axis_show_scale_settings
: Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_nice
: Round min/max. Choices: TRUE, FALSE. Enabling this option rounds the X axis start and end values to tidy numbers, such as 0, 50, 100 or whole years. Specified min and max values will override this feature. Flourish type hint: boolean, defaults to NULL

chart_x_axis_zero_axis
: Include zero. Choices: auto, on, off. Enable to extend the axis to include zero, even when data is all positive or all negative. This is ignored if you set specific min and max scale values. Flourish type hint: string, defaults to NULL

chart_x_axis_title_mode
: Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_x_axis_title
: Text. Flourish type hint: string, defaults to NULL

chart_x_axis_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_position
: Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_space
: Space. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_mode
: Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_x_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_x_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_side
: Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_x_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_x_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_x_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_x_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_x_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_x_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_category_dividers_extend
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_y_axis_axis_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_numeric_scale_type
: Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_y_axis_linear_min
: Min. Flourish type hint: number, defaults to NULL

chart_y_axis_linear_max
: Max. Flourish type hint: number, defaults to NULL

chart_y_axis_log_min
: Min. Flourish type hint: number, defaults to NULL

chart_y_axis_log_max
: Max. Flourish type hint: number, defaults to NULL

chart_y_axis_datetime_min
: Min (date). Flourish type hint: string, defaults to NULL

chart_y_axis_datetime_max
: Max (date). Flourish type hint: string, defaults to NULL

chart_y_axis_flip
: Flip axis. Flourish type hint: boolean, defaults to NULL

chart_y_axis_show_scale_settings
: Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_y_axis_nice
: Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Flourish type hint: boolean, defaults to NULL

chart_y_axis_zero_axis
: Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Flourish type hint: string, defaults to NULL

chart_y_axis_title_mode
: Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_y_axis_title
: Text. Flourish type hint: string, defaults to NULL

chart_y_axis_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_title_position
: Position. Choices: side, end. Flourish type hint: string, defaults to NULL

chart_y_axis_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_title_size
: Size. Flourish type hint: number, defaults to NULL

chart_y_axis_title_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_position
: Position. Choices: default, above, below. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_tick_label_size
: Size. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_tick_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_angle
: Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_max_lines
: Max lines. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_space_mode
: Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_space
: Space. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_mode
: Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_number
: Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_custom
: One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_y_axis_line_and_tick_color
: Line color. Flourish type hint: color, defaults to NULL

chart_y_axis_line_and_tick_width
: Line width. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_length
: Tick length. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_side
: Side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_y_axis_line_visible
: Axis line. Flourish type hint: boolean, defaults to NULL

chart_y_axis_edge_padding
: Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_y_axis_gridlines_visible
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridlines_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridline_color
: Color. Flourish type hint: color, defaults to NULL

chart_y_axis_gridline_style
: Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_y_axis_gridline_width
: Width. Flourish type hint: number, defaults to NULL

chart_y_axis_gridline_category_dividers
: Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Ignored for date and numeric axes. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridline_category_dividers_extend
: Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_show_legend
: Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
: Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
: Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
: Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
: Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
: Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
: Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
: Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
: Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
: Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
: Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
: Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
: Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
: Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "timeline", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_timeline_data(gapminder) |>
  set_timeline_details()
)
```

---

set_tournament_details

Set tournament chart details

Description

Set tournament chart details

Usage

```
set_tournament_details(
  .,
  min_round_width_mode = NULL,
  min_round_width_fixed = NULL,
  inner_padding_vertical = NULL,
  inner_padding_horizontal = NULL,
  link_width = NULL,
  outer_padding = NULL,
  winning_team_color = NULL,
  losing_team_color = NULL,
  upcoming_fill_color = NULL,
  boxes_stroke_color = NULL,
  boxes_stroke_width = NULL,
  boxes_roundness = NULL,
  winning_team_text_color = NULL,
  losing_team_text_color = NULL,
  font_size = NULL,
  text_weight_mode = NULL,
  link_thickness = NULL,
  link_color = NULL,
  link_radius = NULL,
  image_size = NULL,
  image_scale = NULL,
  image_zoom = NULL,
  image_shape = NULL,
  headings_enabled = NULL,
```

```
  headings_size = NULL,
  headings_padding = NULL,
  headings_color = NULL,
  headings_weight = NULL,
  headings_position = NULL,
  navigation_icon_position = NULL,
  navigation_icon_mode = NULL,
  navigation_icon_upload = NULL,
  navigation_icon_size = NULL,
  navigation_icon_color = NULL,
  chart_popup_mode = NULL,
  chart_popup_popup_is_custom = NULL,
  chart_popup_show_popup_styles = NULL,
  chart_popup_popup_custom_header = NULL,
  chart_popup_popup_custom_main = NULL,
  chart_popup_popup_custom_accessible = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
  chart_popup_popup_text_color = NULL,
  chart_popup_popup_align = NULL,
  chart_popup_popup_background = NULL,
  chart_popup_popup_background_opacity = NULL,
  chart_popup_popup_padding = NULL,
  chart_popup_popup_radius = NULL,
  chart_popup_popup_header_type = NULL,
  chart_popup_popup_header_background = NULL,
  chart_popup_popup_header_text_color = NULL,
  chart_popup_popup_list_type = NULL,
  chart_popup_popup_list_label_weight = NULL,
  chart_popup_popup_list_separator = NULL,
  chart_popup_popup_shadow = NULL,
  chart_popup_popup_pointer = NULL,
  chart_popup_panel_position = NULL,
  chart_popup_panel_open_duration = NULL,
  chart_popup_panel_side_fixed = NULL,
  chart_popup_panel_side_default_content = NULL,
  chart_popup_panel_is_custom = NULL,
  chart_popup_show_panel_styles = NULL,
  chart_popup_panel_custom_header = NULL,
  chart_popup_panel_custom_main = NULL,
  chart_popup_panel_width_overlay = NULL,
  chart_popup_panel_height_overlay = NULL,
  chart_popup_panel_width_side = NULL,
  chart_popup_panel_height_side = NULL,
  chart_popup_panel_max_width = NULL,
  chart_popup_panel_max_height = NULL,
  chart_popup_panel_vertical_position = NULL,
  chart_popup_panel_text_color = NULL,
```

```
  chart_popup_panel_font_size = NULL,
  chart_popup_panel_align = NULL,
  chart_popup_panel_background = NULL,
  chart_popup_panel_background_opacity = NULL,
  chart_popup_panel_padding = NULL,
  chart_popup_panel_radius = NULL,
  chart_popup_panel_list_type = NULL,
  chart_popup_panel_list_label_weight = NULL,
  chart_popup_panel_list_separator = NULL,
  chart_popup_panel_shadow = NULL,
  popup_header_separator = NULL,
  animation_duration = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
```

```
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
```

```
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
min_round_width_mode	Width mode. Choices: auto, fixed. Auto mode sets round width to the smallest it can be while still fitting text content. In Fixed mode you can choose a fixed

minimum round width (text will be ellipsed if it does not fit). Flourish type hint: string, defaults to NULL

`min_round_width_fixed`
: Min stage width. The minimum width given to a specific stage (e.g. Quarterfinals), specified in px. Flourish type hint: number, defaults to NULL

`inner_padding_vertical`
: Box height. Flourish type hint: number, defaults to NULL

`inner_padding_horizontal`
: Box padding. Horizontal space on sides of box. Flourish type hint: number, defaults to NULL

`link_width`
: Horizontal space. Horizontal space between stages. Flourish type hint: number, defaults to NULL

`outer_padding`
: Vertical space. Vertical space between stages. Flourish type hint: number, defaults to NULL

`winning_team_color`
: Winning team. Flourish type hint: color, defaults to NULL

`losing_team_color`
: Losing team. Flourish type hint: color, defaults to NULL

`upcoming_fill_color`
: Upcoming match. Flourish type hint: color, defaults to NULL

`boxes_stroke_color`
: Outline color. Flourish type hint: color, defaults to NULL

`boxes_stroke_width`
: Outline width. Flourish type hint: number, defaults to NULL

`boxes_roundness`
: Roundness. Flourish type hint: number, defaults to NULL

`winning_team_text_color`
: Winning team. Flourish type hint: color, defaults to NULL

`losing_team_text_color`
: Losing team. Flourish type hint: color, defaults to NULL

`font_size`
: Size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

`text_weight_mode`
: Weight. Choices: winner_bold, regular, bold. Flourish type hint: string, defaults to NULL

`link_thickness`
: Thickness. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

`link_color`
: Color. Flourish type hint: color, defaults to NULL

`link_radius`
: Roundness. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

`image_size`
: Size. Specified as a % of the box for that match. Flourish type hint: number, defaults to NULL

image_scale Scale. Choices: contain, cover, zoom. Fill will not preserve the aspect ratio of images but stretch them to fill the area. Fit and Zoom both preserve the aspect ratio of images, but Fit ensures none of the image is cut off. Flourish type hint: string, defaults to NULL

image_zoom Zoom. Sets what size the image should fill the container as a percentage of the container size. Flourish type hint: number, defaults to NULL

image_shape Shape. Choices: circle, square. Flourish type hint: string, defaults to NULL

headings_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

headings_size Size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

headings_padding
Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

headings_color Color. Flourish type hint: color, defaults to NULL

headings_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

headings_position
Position. Choices: middle, start. Flourish type hint: string, defaults to NULL

navigation_icon_position
Position. Choices: start, center, end. Flourish type hint: string, defaults to NULL

navigation_icon_mode
Type. Choices: arrow, custom. Flourish type hint: string, defaults to NULL

navigation_icon_upload
Upload icon. Upload a right-facing icon (your icon will be rotated for the left side). Flourish type hint: url, defaults to NULL

navigation_icon_size
Size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

navigation_icon_color
Color. Flourish type hint: color, defaults to NULL

chart_popup_mode
Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
Popup custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax {{#if column_name}}Content for non-empty colum For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

popup_header_separator
: Header separator. Flourish type hint: string, defaults to NULL

animation_duration
: Duration. The duration, in seconds, of intro animation. Flourish type hint: number, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "tournament", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_tournament_data(gapminder) |>
  set_tournament_details()
)
```

---

set_word_cloud_details

Set word cloud chart details

Description

Set word cloud chart details

Usage

```
set_word_cloud_details(
  .,
  using_tables = NULL,
  word_limit = NULL,
  raw_text = NULL,
  exclusions = NULL,
  excluded_words = NULL,
  strip_trailing_s = NULL,
  convert_to_lowercase = NULL,
  cloud_font = NULL,
  text_color = NULL,
```

```
  word_padding = NULL,
  random_seed = NULL,
  angle_min = NULL,
  angle_max = NULL,
  angle_number = NULL,
  font_size_min = NULL,
  font_size_max = NULL,
  size_mode = NULL,
  height_mode = NULL,
  aspect_ratio = NULL,
  aspect_ratio_mobile = NULL,
  aspect_ratio_breakpoint = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
  chart_color_scale_sequential_custom_domain = NULL,
  chart_color_scale_sequential_domain_min = NULL,
  chart_color_scale_sequential_domain_max = NULL,
  chart_color_scale_diverging_palette = NULL,
  chart_color_scale_diverging_reverse = NULL,
  chart_color_scale_diverging_custom_min = NULL,
  chart_color_scale_diverging_custom_mid = NULL,
  chart_color_scale_diverging_custom_max = NULL,
  chart_color_scale_diverging_color_space = NULL,
  chart_color_scale_diverging_custom_domain = NULL,
  chart_color_scale_diverging_domain_min = NULL,
  chart_color_scale_diverging_domain_mid = NULL,
  chart_color_scale_diverging_domain_max = NULL,
  animation_type = NULL,
  duration = NULL,
  stagger = NULL,
  chart_number_date_format_prefix = NULL,
  chart_number_date_format_suffix = NULL,
  chart_number_date_format_n_dec = NULL,
  chart_number_date_format_advanced = NULL,
  chart_number_date_format_negative_sign = NULL,
  chart_number_date_format_strip_zeros = NULL,
  chart_number_date_format_strip_separator = NULL,
```

```
  chart_number_date_format_transform_labels = NULL,
  chart_number_date_format_transform = NULL,
  chart_number_date_format_multiply_divide_constant = NULL,
  chart_number_date_format_exponentiate_constant = NULL,
  chart_number_localization_input_decimal_separator = NULL,
  chart_number_localization_output_separators = NULL,
  chart_popup_mode = NULL,
  chart_popup_popup_is_custom = NULL,
  chart_popup_show_popup_styles = NULL,
  chart_popup_popup_custom_header = NULL,
  chart_popup_popup_custom_main = NULL,
  chart_popup_popup_custom_accessible = NULL,
  chart_popup_popup_width = NULL,
  chart_popup_popup_font_size = NULL,
  chart_popup_popup_text_color = NULL,
  chart_popup_popup_align = NULL,
  chart_popup_popup_background = NULL,
  chart_popup_popup_background_opacity = NULL,
  chart_popup_popup_padding = NULL,
  chart_popup_popup_radius = NULL,
  chart_popup_popup_header_type = NULL,
  chart_popup_popup_header_background = NULL,
  chart_popup_popup_header_text_color = NULL,
  chart_popup_popup_list_type = NULL,
  chart_popup_popup_list_label_weight = NULL,
  chart_popup_popup_list_separator = NULL,
  chart_popup_popup_shadow = NULL,
  chart_popup_popup_pointer = NULL,
  chart_popup_panel_position = NULL,
  chart_popup_panel_open_duration = NULL,
  chart_popup_panel_side_fixed = NULL,
  chart_popup_panel_side_default_content = NULL,
  chart_popup_panel_is_custom = NULL,
  chart_popup_show_panel_styles = NULL,
  chart_popup_panel_custom_header = NULL,
  chart_popup_panel_custom_main = NULL,
  chart_popup_panel_width_overlay = NULL,
  chart_popup_panel_height_overlay = NULL,
  chart_popup_panel_width_side = NULL,
  chart_popup_panel_height_side = NULL,
  chart_popup_panel_max_width = NULL,
  chart_popup_panel_max_height = NULL,
  chart_popup_panel_vertical_position = NULL,
  chart_popup_panel_text_color = NULL,
  chart_popup_panel_font_size = NULL,
  chart_popup_panel_align = NULL,
  chart_popup_panel_background = NULL,
  chart_popup_panel_background_opacity = NULL,
```

```
  chart_popup_panel_padding = NULL,
  chart_popup_panel_radius = NULL,
  chart_popup_panel_list_type = NULL,
  chart_popup_panel_list_label_weight = NULL,
  chart_popup_panel_list_separator = NULL,
  chart_popup_panel_shadow = NULL,
  chart_layout_body_font = NULL,
  chart_layout_font_color = NULL,
  chart_layout_background_color_enabled = NULL,
  chart_layout_background_image_enabled = NULL,
  chart_layout_background_color = NULL,
  chart_layout_background_image_src = NULL,
  chart_layout_background_image_size = NULL,
  chart_layout_background_image_position = NULL,
  chart_layout_max_width_target = NULL,
  chart_layout_max_width = NULL,
  chart_layout_max_width_align = NULL,
  chart_layout_layout_order = NULL,
  chart_layout_space_between_sections = NULL,
  chart_layout_space_between_sections_custom = NULL,
  chart_layout_margin_top = NULL,
  chart_layout_margin_right = NULL,
  chart_layout_margin_bottom = NULL,
  chart_layout_margin_left = NULL,
  chart_layout_border_enabled = NULL,
  chart_layout_border_top_width = NULL,
  chart_layout_border_top_style = NULL,
  chart_layout_border_top_color = NULL,
  chart_layout_border_right_width = NULL,
  chart_layout_border_right_style = NULL,
  chart_layout_border_right_color = NULL,
  chart_layout_border_bottom_width = NULL,
  chart_layout_border_bottom_style = NULL,
  chart_layout_border_bottom_color = NULL,
  chart_layout_border_left_width = NULL,
  chart_layout_border_left_style = NULL,
  chart_layout_border_left_color = NULL,
  chart_layout_read_direction = NULL,
  chart_layout_font_size_mobile_small = NULL,
  chart_layout_font_size_mobile_big = NULL,
  chart_layout_font_size_tablet = NULL,
  chart_layout_font_size_desktop = NULL,
  chart_layout_font_size_big_screen = NULL,
  chart_layout_breakpoint_mobile_small = NULL,
  chart_layout_breakpoint_mobile_big = NULL,
  chart_layout_breakpoint_tablet = NULL,
  chart_layout_breakpoint_desktop = NULL,
  chart_layout_breakpoint_big_screen = NULL,
```

```
  chart_layout_header_align = NULL,
  chart_layout_title = NULL,
  chart_layout_title_styling = NULL,
  chart_layout_title_font = NULL,
  chart_layout_title_size = NULL,
  chart_layout_title_size_custom = NULL,
  chart_layout_title_weight = NULL,
  chart_layout_title_color = NULL,
  chart_layout_title_line_height = NULL,
  chart_layout_title_space_above = NULL,
  chart_layout_title_space_above_custom = NULL,
  chart_layout_subtitle = NULL,
  chart_layout_subtitle_styling = NULL,
  chart_layout_subtitle_font = NULL,
  chart_layout_subtitle_size = NULL,
  chart_layout_subtitle_size_custom = NULL,
  chart_layout_subtitle_weight = NULL,
  chart_layout_subtitle_color = NULL,
  chart_layout_subtitle_line_height = NULL,
  chart_layout_subtitle_space_above = NULL,
  chart_layout_subtitle_space_above_custom = NULL,
  chart_layout_header_text = NULL,
  chart_layout_header_text_styling = NULL,
  chart_layout_header_text_size = NULL,
  chart_layout_header_text_size_custom = NULL,
  chart_layout_header_text_weight = NULL,
  chart_layout_header_text_color = NULL,
  chart_layout_header_text_line_height = NULL,
  chart_layout_header_text_space_above = NULL,
  chart_layout_header_text_space_above_custom = NULL,
  chart_layout_header_border = NULL,
  chart_layout_header_border_width = NULL,
  chart_layout_header_border_color = NULL,
  chart_layout_header_border_style = NULL,
  chart_layout_header_border_space = NULL,
  chart_layout_header_logo_enabled = NULL,
  chart_layout_header_logo_src = NULL,
  chart_layout_header_logo_alt = NULL,
  chart_layout_header_logo_link_url = NULL,
  chart_layout_header_logo_height = NULL,
  chart_layout_header_logo_align = NULL,
  chart_layout_header_logo_position_inside = NULL,
  chart_layout_header_logo_position_outside = NULL,
  chart_layout_header_logo_margin_top = NULL,
  chart_layout_header_logo_margin_right = NULL,
  chart_layout_header_logo_margin_bottom = NULL,
  chart_layout_header_logo_margin_left = NULL,
  chart_layout_footer_align = NULL,
```

```
  chart_layout_footer_text_size = NULL,
  chart_layout_footer_text_color = NULL,
  chart_layout_footer_styling = NULL,
  chart_layout_footer_font = NULL,
  chart_layout_footer_text_weight = NULL,
  chart_layout_source_name = NULL,
  chart_layout_source_url = NULL,
  chart_layout_multiple_sources = NULL,
  chart_layout_source_name_2 = NULL,
  chart_layout_source_url_2 = NULL,
  chart_layout_source_name_3 = NULL,
  chart_layout_source_url_3 = NULL,
  chart_layout_source_label = NULL,
  chart_layout_footer_note = NULL,
  chart_layout_footer_note_secondary = NULL,
  chart_layout_advanced_note_styling = NULL,
  chart_layout_footer_timestamp_format = NULL,
  chart_layout_footer_logo_enabled = NULL,
  chart_layout_footer_logo_src = NULL,
  chart_layout_footer_logo_src_light = NULL,
  chart_layout_footer_logo_alt = NULL,
  chart_layout_footer_logo_link_url = NULL,
  chart_layout_footer_logo_height = NULL,
  chart_layout_footer_logo_margin = NULL,
  chart_layout_footer_logo_order = NULL,
  chart_layout_footer_align_vertical = NULL,
  chart_layout_footer_border = NULL,
  chart_layout_footer_border_width = NULL,
  chart_layout_footer_border_color = NULL,
  chart_layout_footer_border_style = NULL,
  chart_layout_footer_border_space = NULL,
  chart_layout_screenreader_text_primary = NULL,
  chart_layout_screenreader_label = NULL,
  chart_layout_screenreader_hide_primary = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
using_tables	Text input. Choices: FALSE, TRUE. Pasting in raw text is simplest but may be slow for large amounts of text. Flourish type hint: boolean, defaults to NULL
word_limit	Word limit. Limits the number of words, in order of frequency. Leave blank to show all words in the data table. Flourish type hint: number, defaults to NULL
raw_text	Text. Note that the raw text will be available in the HTML of the generated page. This occurs when using both Paste in raw text and Datasheet options. Flourish type hint: text, defaults to NULL
exclusions	Exclude common words. Flourish type hint: boolean, defaults to NULL

`excluded_words` Exclude words. Flourish type hint: text, defaults to `NULL`

`strip_trailing_s`
: Strip all trailing “s” from words. e.g. "mother" and "mothers" are considered one word. This includes both apostrophe and quotation mark forms (s and s). Flourish type hint: boolean, defaults to `NULL`

`convert_to_lowercase`
: Convert all words to lowercase. e.g. "mother" and "Mother" are considered one word. This will also apply to the words in the Exclude words setting. Flourish type hint: boolean, defaults to `NULL`

`cloud_font` Font. Flourish type hint: font, defaults to `NULL`

`text_color` Text color. Flourish type hint: color, defaults to `NULL`

`word_padding` Spacing. Spacing between the words (in arbitrary units). Flourish type hint: number, defaults to `NULL`

`random_seed` Layout number. Change the number to try different word layouts. Flourish type hint: number, defaults to `NULL`

`angle_min` Min angle. Flourish type hint: number, defaults to `NULL`

`angle_max` Max angle. Flourish type hint: number, defaults to `NULL`

`angle_number` Number of angles. Flourish type hint: number, defaults to `NULL`

`font_size_min` Min size. In arbitrary units. Actual display size will depend in screen size and layout. Flourish type hint: number, defaults to `NULL`

`font_size_max` Max size. In arbitrary units. Actual display size will depend in screen size and layout. Flourish type hint: number, defaults to `NULL`

`size_mode` Scaling. Choices: linear, sqrt, log. This scale will determine the relationship in size between the biggest and the smallest word. Flourish type hint: string, defaults to `NULL`

`height_mode` Height mode. Choices: fill_space, aspect. In Fill space mode, the graphic will fill the container (which by default will be the standard Flourish responsive chart size). In Aspect ratio mode, you set the aspect ratio of the plot, and the container will be updated to accommodate it. This setting is ignored when embedded in a fixed-height context, such as a simple iframe embedFlourish type hint: string, defaults to `NULL`

`aspect_ratio` Aspect (desktop). Aspect ratio of each plot in desktop mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to `NULL`

`aspect_ratio_mobile`
: Aspect (mobile). Aspect ratio of each plot in mobile mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to `NULL`

`aspect_ratio_breakpoint`
: Breakpoint. The width at which mobile mode ends and desktop begins. Flourish type hint: number, defaults to `NULL`

`chart_color_scale_categorical_palette`
: Palette. Flourish type hint: colors, defaults to `NULL`

chart_color_scale_categorical_extend
: Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
: Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
: Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
: Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
: Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
: Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
: Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
: Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
: Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
: Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
: Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
: Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
: Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
: Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
: Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
: Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
: Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
: Max. Flourish type hint: number, defaults to NULL

animation_type
: Animation style. Choices: auto, fade, grow, none. Controls the animation on load. Auto mode will use Grow if there are fewer than 100 words visible, Fade if there are fewer than 500, and None if there are 500 or more. Flourish type hint: string, defaults to NULL

duration
: Duration. The time in seconds it takes for an individual word to move from the start position to end position. Flourish type hint: number, defaults to NULL

stagger
: Stagger. The time in seconds between the first and last word animations starting. Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
: Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
: Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
: Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
: Styling of negative numbers. Choices: -$nk, $-nk, ($nk), $(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
: Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
: Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
: Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
: Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
: Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
: Flourish type hint: number, defaults to NULL

chart_number_localization_input_decimal_separator
: Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
: Number format to display. Choices: ,., .,, ., ,, ., ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

chart_popup_mode
: Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
: Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
: Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
: Popup custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
: Popup custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax {{#if column_name}}Content for non-empty colum
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
: Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label

attribute to data point elements. You can still use {{column_name}} to add values from your data, but do not use HTML. For example: {{Name}}, Population: {{Population}}, GDI
If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
: Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
: Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
: Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
: Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
: Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
: Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
: Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
: Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
: Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
: Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
: Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
: Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
: Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
: Panel custom header. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column
For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
: Panel custom main content. Use {{column_name}} to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using {{#if column_name}}Content for non-empty column_name{{/if}}. For example: {{#if Capital name}}Capital:{{/if}} {{Capital name}}. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
: Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
: Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
: Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
: Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
: Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
: Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
: Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
: Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
: Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
: Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
: Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
: Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
: List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
: Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
: List separator. Choices: :, , , <br />. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
: Shadow. Flourish type hint: boolean, defaults to NULL

chart_layout_body_font
: Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
: Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
: Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
: Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
: Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
: Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
: Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
: Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
: Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
: Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
: Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
: Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
: Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
: Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
: Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
: Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
: Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
: Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
: Flourish type hint: number, defaults to NULL

chart_layout_header_align
: Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
: Flourish type hint: html, defaults to NULL

chart_layout_title_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
: Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
: Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
: Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
: Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
: Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
: Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
: Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
: Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
: Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
: Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
: Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
: Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
: Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
: Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
: Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
: Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
: Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
: Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
: Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
: Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
: Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
: Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
: Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
: Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
: Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
: Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
: Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
: Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
: Note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
: Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add {{data_last_updated}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
: Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
: Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
: Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
: Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
: Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
: Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
: Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
: Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
: Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
: Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
: V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
: Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
: Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
: Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
: Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
: Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
: Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
: Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
: Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "word_cloud", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_word_cloud_data(gapminder) |>
  set_word_cloud_details()
)
```

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