Package 'Paris2024Colours'

June 20, 2024

Title Color Palettes Inspired by Paris 2024 Olympic and Paralympic
Games

Version 0.2.0

Description Palettes inspired by Paris 2024 Olympic and Paralympic Games for
data visualizations. Length of color palettes is configurable.

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Encoding UTF-8

RoxygenNote 7.3.1

URL https://github.com/maximekuntz/Paris2024Colours,
https://maximekuntz.github.io/Paris2024Colours/

BugReports https://github.com/maximekuntz/Paris2024Colours/issues

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Imports ggplot2

NeedsCompilation no

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Repository CRAN

Date/Publication 2024-06-20 21:10:02 UTC

Contents

paris2024_palette   *Paris 2024 palette generator*

Description

Paris 2024 palette generator

Usage

```
paris2024_palette(name, n, type = c("discrete", "continuous"), reverse = FALSE)
```

Arguments

name	Name of the colour palette. Options are `Logo`, `OlympicRings`, `GamesLook`, `Generation2024`, `Impact2024`, `TerreDeJeux`, `Tickets` and `Flame`.
n	Number of colours in the palette. Palettes have 2 to 5 colours that can be used as a discrete palette. To use more, use a continuous palette.
type	Usage of palette as "continuous" or "discrete". Continuous usage interpolates between colors to create a scale of values. If omitted, function assumes continuous if n > length of palette, and discrete if n < length of palette.
reverse	Whether to reverse colour palette (TRUE) or not (FALSE, default).

Value

A vector of colours.

Examples

```
paris2024_palette("GamesLook", n = 6, type = "continuous")
paris2024_palette("Logo", 2)
paris2024_palette("OlympicRings")
paris2024_palette("OlympicRings", reverse = TRUE)
```

paris2024_palettes   *Complete list of palettes*

Description

Use [paris2024_palette](#) to construct palettes of desired length.

Usage

```
paris2024_palettes
```

Format

An object of class `list` of length 8.

print.palette	*Palette printer*

Description

Palette printer

Usage

```
## S3 method for class 'palette'
print(x, ...)
```

Arguments

x	A palette
...	...

Value

An image of the palette

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scale_colour_paris2024	
	Paris 2024 palettes for plotting with ggplot2

Description

Function for using `Paris2024Colours` colours schemes in `ggplot2`.

Usage

```
scale_colour_paris2024(type = c("discrete", "continuous"), ...)

scale_color_paris2024(type = c("discrete", "continuous"), ...)
```

Arguments

type	Usage of palette as "continuous" or "discrete". Continuous usage interpolates between colours to create a scale of values.
...	Other arguments passed on to `scale_colour_paris2024_d` or `scale_colour_paris2024_c`.

Value

A function that returns a colour scale.

scale_colour_paris2024_c

Paris 2024 palettes for plotting with ggplot2

Description

Function for using Paris2024Colours colours schemes in ggplot2. Use scale_colour_paris2024_d
and scale_fill_paris2024_d for discrete scales, and use scale_colour_paris2024_c and scale_fill_paris2024_c
for continuous scales.

Usage

```
scale_colour_paris2024_c(name, reverse = FALSE, ...)

scale_color_paris2024_c(name, reverse = FALSE, ...)
```

Arguments

name	Name of the colour palette. Options are Logo, OlympicRings, GamesLook, Generation2024, Impact2024, TerreDeJeux, Tickets and Flame.
reverse	Whether to reverse colour palette (TRUE) or not (FALSE, default).
...	Other arguments passed on to scale_color_gradientn

Value

A function that returns a continuous colour scale.

Examples

```
library(ggplot2)
ggplot2::ggplot(
  data = iris, aes(x = Sepal.Width, y = Sepal.Length, colour = Sepal.Length)
) +
  geom_point() +
  scale_colour_paris2024_c("GamesLook")
```

scale_colour_paris2024_d

Paris 2024 palettes for plotting with ggplot2

Description

Function for using Paris2024Colours colours schemes in ggplot2. Use scale_colour_paris2024_d
and scale_fill_paris2024_d for discrete scales, and use scale_colour_paris2024_c and scale_fill_paris2024_c
for continuous scales.

Usage

```
scale_colour_paris2024_d(name, reverse = FALSE, ...)

scale_color_paris2024_d(name, reverse = FALSE, ...)
```

Arguments

name	Name of the colour palette. Options are `Logo`, `OlympicRings`, `GamesLook`, `Generation2024`, `Impact2024`, `TerreDeJeux`, `Tickets` and `Flame`.
reverse	Whether to reverse colour palette (TRUE) or not (FALSE, default).
...	Other arguments passed on to `discrete_scale`

Value

A function that returns a discrete colour scale.

Examples

```
library(ggplot2)
ggplot2::ggplot(
  data = iris, aes(x = Sepal.Width, y = Sepal.Length, colour = Species)
) +
  geom_point() +
  scale_colour_paris2024_d("GamesLook")
```

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scale_fill_paris2024   *Paris 2024 palettes for plotting with ggplot2*

Description

Function for using `Paris2024Colours` colours schemes in `ggplot2`.

Usage

```
scale_fill_paris2024(type = c("discrete", "continuous"), ...)
```

Arguments

type	Usage of palette as "continuous" or "discrete". Continuous usage interpolates between colours to create a scale of values.
...	Other arguments passed on to `scale_fill_paris2024_d` or `scale_fill_paris2024_c`.

Value

A function that returns a colour scale.

scale_fill_paris2024_c

Paris 2024 palettes for plotting with ggplot2

Description

Function for using Paris2024Colours colours schemes in ggplot2. Use scale_colour_paris2024_d and scale_fill_paris2024_d for discrete scales, and use scale_colour_paris2024_c and scale_fill_paris2024_c for continuous scales.

Usage

```
scale_fill_paris2024_c(name, reverse = FALSE, ...)
```

Arguments

name	Name of the colour palette. Options are Logo, OlympicRings, GamesLook, Generation2024, Impact2024, TerreDeJeux, Tickets and Flame.
reverse	Whether to reverse colour palette (TRUE) or not (FALSE, default).
...	Other arguments passed on to scale_color_gradientn

Value

A function that returns a continuous colour scale.

scale_fill_paris2024_d

Paris 2024 palettes for plotting with ggplot2

Description

Function for using Paris2024Colours colours schemes in ggplot2. Use scale_colour_paris2024_d and scale_fill_paris2024_d for discrete scales, and use scale_colour_paris2024_c and scale_fill_paris2024_c for continuous scales.

Usage

```
scale_fill_paris2024_d(name, reverse = FALSE, ...)
```

Arguments

name	Name of the colour palette. Options are Logo, OlympicRings, GamesLook, Generation2024, Impact2024, TerreDeJeux, Tickets and Flame.
reverse	Whether to reverse colour palette (TRUE) or not (FALSE, default).
...	Other arguments passed on to discrete_scale

Value

A function that returns a discrete colour scale.

Examples

```
library(ggplot2)
ggplot2::ggplot(
  data = iris, aes(x = Species, y = Sepal.Length, fill = Species)
) +
  geom_violin() +
  scale_fill_paris2024_d("GamesLook")
```

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