

# Package ‘Paris2024Colours’

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**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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## Contents

paris2024_palette . . . . .	2
paris2024_palettes . . . . .	2
print.palette . . . . .	3
scale_colour_paris2024 . . . . .	3
scale_colour_paris2024_c . . . . .	4
scale_colour_paris2024_d . . . . .	4
scale_fill_paris2024 . . . . .	5
scale_fill_paris2024_c . . . . .	6
scale_fill_paris2024_d . . . . .	6

**Index****8**


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paris2024\_palette      *Paris 2024 palette generator*

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**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.

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print.palette	<i>Palette printer</i>
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**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	<i>Paris 2024 palettes for plotting with ggplot2</i>
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**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 <a href="#">scale_colour_paris2024_d</a> or <a href="#">scale_colour_paris2024_c</a> .

**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 <a href="#">scale_color_gradientn</a>

### 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 <a href="#">discrete_scale</a>

**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")
```

---

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 <a href="#">scale_fill_paris2024_d</a> or <a href="#">scale_fill_paris2024_c</a> .

**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 <a href="#">scale_color_gradientn</a>

**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 <a href="#">discrete_scale</a>

**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")
```

# Index

## \* datasets

- paris2024\_palettes, 2
  
- discrete\_scale, 5, 6
  
- paris2024\_palette, 2, 2
- paris2024\_palettes, 2
- print.palette, 3
  
- scale\_color\_gradientn, 4, 6
- scale\_color\_paris2024
  - (scale\_colour\_paris2024), 3
- scale\_color\_paris2024\_c
  - (scale\_colour\_paris2024\_c), 4
- scale\_color\_paris2024\_d
  - (scale\_colour\_paris2024\_d), 4
- scale\_colour\_paris2024, 3
- scale\_colour\_paris2024\_c, 3, 4, 4, 6
- scale\_colour\_paris2024\_d, 3, 4, 4, 6
- scale\_fill\_paris2024, 5
- scale\_fill\_paris2024\_c, 4-6, 6
- scale\_fill\_paris2024\_d, 4-6, 6