

Package ‘add2ggplot’

July 22, 2025

Title Add to 'ggplot2'

Version 0.3.0

Description Create 'ggplot2' themes and color palettes.

License MIT + file LICENSE

Encoding UTF-8

LazyData true

Imports ggplot2, magrittr, RColorBrewer, magick, zeallot

URL <https://github.com/JiaxiangBU/add2ggplot>

BugReports <https://github.com/JiaxiangBU/add2ggplot/issues>

RoxygenNote 6.1.1

Suggests knitr, rmarkdown

VignetteBuilder knitr

NeedsCompilation no

Author Jiaxiang Li [aut, cre] (ORCID: <<https://orcid.org/0000-0003-3196-6492>>),
Nakagawara Ryo [aut]

Maintainer Jiaxiang Li <alex.lijiaxiang@foxmail.com>

Repository CRAN

Date/Publication 2020-02-07 11:50:02 UTC

Contents

add_logo	2
get_width_height	3
grey_one	3
grey_two	3
more_colors	4
red_one	4
red_two	5
theme_classic2	5
theme_du_bois	6

theme_grey_and_red	6
theme_ilo	7
theme_white	8
white_one	8
Index	9

add_logo	<i>Add a logo into an image</i>
----------	---------------------------------

Description

Add a logo into an image

Usage

```
add_logo(plot_path, logo_path, logo_position = c("top right", "top left",  
"bottom right", "bottom left"), logo_scale = 10)
```

Arguments

- plot_path image path.
- logo_path logo image path.
- logo_position the position of logo within the image.
- logo_scale the size of logo relative to the image.

Value

Image.

Examples

```
add_logo(  
  plot_path = system.file("extdata", "logo.png", package = "add2ggplot"),  
  logo_path = system.file("extdata", "jiaxiang.png", package = "add2ggplot"),  
  logo_position = "bottom right",  
  logo_scale = 5  
)
```

get_width_height	<i>Get image width and height</i>
------------------	-----------------------------------

Description

Get image width and height

Usage

```
get_width_height(img)
```

Arguments

img	The path of image
-----	-------------------

grey_one	<i>The chosen color in grey</i>
----------	---------------------------------

Description

The chosen color in grey

Usage

```
grey_one
```

Format

An object of class character of length 1.

grey_two	<i>The chosen color in grey</i>
----------	---------------------------------

Description

The chosen color in grey

Usage

```
grey_two
```

Format

An object of class character of length 1.

more_colors	<i>Use a palette with 24 colors</i>
-------------	-------------------------------------

Description

more_colors helps users to build a more robust palette serving ggplot objects.

Usage

```
more_colors(n = 24)
```

Arguments

n the max number of color you choose

Value

The vector of the colors you choose

Author(s)

Jiaxiang Li

Examples

```
more_colors(n = 12)
more_colors(n = 24)
more_colors(n = 36)
```

red_one	<i>The chosen color in red</i>
---------	--------------------------------

Description

The chosen color in red

Usage

```
red_one
```

Format

An object of class character of length 1.

`red_two`*The chosen color in red*

Description

The chosen color in red

Usage

```
red_two
```

Format

An object of class character of length 1.

`theme_classic2`*Another classic theme*

Description

Inspired by <https://www.datacamp.com/courses/intermediate-data-visualization-with-ggplot2>

Usage

```
theme_classic2()
```

Value

ggplot object.

Examples

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_classic2()
```

theme_du_bois	<i>Use Du Bois's theme</i>
---------------	----------------------------

Description

theme_du_bois is one of ggplot themes for plotting.

Usage

```
theme_du_bois(font_name = "")
```

Arguments

font_name A Character.

Details

The function I developed originates from this [GitHub Repository](#) by the statistician Matthew A. He reproduces the sort of images originated from [W.E.B. Du Bois](#).

Value

The function to use + in the ggplot workflow.

Author(s)

Jiaxiang Li

Examples

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_du_bois()
```

theme_grey_and_red	<i>Use the ggplot theme in grey and red</i>
--------------------	---

Description

Use the ggplot theme in grey and red

Usage

```
theme_grey_and_red()
```

Value

The function to use + in the ggplot workflow.

Author(s)

Jiaxiang Li

Examples

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_grey_and_red()
```

theme_ilo

One ggplot theme

Description

One ggplot theme

Usage

```
theme_ilo()
```

Value

The function to use + in the ggplot workflow.

Examples

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_ilo()
```

theme_white	<i>A ggplot theme with a white background.</i>
-------------	--

Description

A ggplot theme with a white background.

Usage

```
theme_white()
```

Value

The function to use + in the ggplot workflow.

Examples

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_white()
```

white_one	<i>The chosen color in white</i>
-----------	----------------------------------

Description

The chosen color in white

Usage

```
white_one
```

Format

An object of class character of length 1.

Index

* datasets

grey_one, [3](#)

grey_two, [3](#)

red_one, [4](#)

red_two, [5](#)

white_one, [8](#)

add_logo, [2](#)

get_width_height, [3](#)

grey_one, [3](#)

grey_two, [3](#)

more_colors, [4](#)

red_one, [4](#)

red_two, [5](#)

theme_classic2, [5](#)

theme_du_bois, [6](#)

theme_grey_and_red, [6](#)

theme_ilo, [7](#)

theme_white, [8](#)

white_one, [8](#)