

Package ‘gglgbtq’

November 1, 2022

Type Package

Title Show Pride on 'ggplot2' Plots

Version 0.1.1

Date 2022-11-01

Description Provides multiple palettes based on pride flags with tailored themes.

Imports ggplot2, graphics, grDevices

Suggests knitr, rmarkdown, spelling, testthat (>= 3.0.0)

License GPL (>= 3)

Encoding UTF-8

RoxygenNote 7.1.2

Config/testthat/edition 3

URL <https://github.com/turtletopia/gglgbtq>,
<https://turtletopia.github.io/gglgbtq/>

Language en-US

VignetteBuilder knitr

NeedsCompilation no

Author Laura Bakala [cre, aut, cph] (<<https://orcid.org/0000-0002-3213-2484>>)

Maintainer Laura Bakala <erdaradun.gaztea@gmail.com>

Repository CRAN

Date/Publication 2022-11-01 10:40:16 UTC

R topics documented:

palette_lgbtq	2
show_pride	3
theme_lgbtq	4

Index	6
--------------	----------

`palette_lgbtq`*Get one of LGBTQ palettes*

Description

Returns a palette object with colors based on a specified LGBTQ flag. Note: the number of colors vary between palettes!

Usage

```
palette_lgbtq(name)
```

Arguments

name	character(1)
------	--------------

Name of the flag the colors are based on.

Value

An `lgbtq_palette` object containing a vector of RGB color codes as strings.

Available palettes

Currently available palettes are:

- rainbow (6 colors)
- philadelphia (8 colors)
- progress (11 colors)
- bisexual (3 colors)
- asexual (4 colors)
- transgender (3 colors)
- pansexual (3 colors)
- nonbinary (4 colors)
- lesbian (5 colors)
- gay (5 colors)
- intersex (2 colors)
- aromantic (5 colors)
- genderfluid (5 colors)
- genderqueer (3 colors)
- lesbian_7 (7 colors)
- gay_7 (7 colors)
- agender (4 colors)

- demiboy (4 colors)
- demigirl (4 colors)
- bigender (6 colors)
- alloace (4 colors)
- aroallo (5 colors)

Examples

```
palette_lgbtq("bisexual")

library(ggplot2)
ggplot(data.frame(x = 1:10, y = 15:6,
                  group = rep(c("a", "b"), each = 5)),
        aes(x = x, y = y, color = group)) +
  geom_point(size = 4) +
  scale_color_manual(values = palette_lgbtq("intersex"))
```

show_pride

List available palettes

Description

Shows the names of available LGBTQ palettes and their metadata.

Usage

```
show_pride()
```

Value

A data.frame with palette names and numbers of colors.

Examples

```
show_pride()
```

`theme_lgbtq`*Use default theme for an LGBTQ palette*

Description

Provides a default theme for a given palette. Most LGBTQ flags contain white, for which the default light gray background of `ggplot2` is too light. Conversely, this same gray is too dark for flags with yellow stripes. LGBTQ themes are carefully curated for each palette.

Usage

```
theme_lgbtq(name, ...)
```

Arguments

<code>name</code>	character(1) Name of the flag the colors are based on.
<code>...</code>	ANY Parameters passed to <code>theme()</code> .

Value

A `ggplot2` theme object.

Available palettes

Currently available palettes are:

- `rainbow` (6 colors)
- `philadelphia` (8 colors)
- `progress` (11 colors)
- `bisexual` (3 colors)
- `asexual` (4 colors)
- `transgender` (3 colors)
- `pansexual` (3 colors)
- `nonbinary` (4 colors)
- `lesbian` (5 colors)
- `gay` (5 colors)
- `intersex` (2 colors)
- `aromantic` (5 colors)
- `genderfluid` (5 colors)
- `genderqueer` (3 colors)
- `lesbian_7` (7 colors)

- *gay_7* (7 colors)
- *agender* (4 colors)
- *demiboy* (4 colors)
- *demigirl* (4 colors)
- *bigender* (6 colors)
- *alloace* (4 colors)
- *aroallo* (5 colors)

Examples

```
library(ggplot2)
ggplot(data.frame(x = 1:10, y = 15:6,
                  group = rep(c("a", "b"), each = 5)),
        aes(x = x, y = y, color = group)) +
  geom_point(size = 4) +
  scale_color_manual(values = palette_lgbtq("intersex")) +
  # Use the same name as for values, preferably
  theme_lgbtq("intersex")
```

Index

palette_lgbtq, [2](#)

show_pride, [3](#)

theme, [4](#)

theme_lgbtq, [4](#)