

Package ‘gglgbtq’

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Type Package

Title Show Pride on 'ggplot2' Plots

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

Imports ggplot2, graphics, grDevices

Suggests spelling, testthat (>= 3.0.0)

License GPL (>= 3)

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

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`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

<code>name</code>	<code>character(1)</code> Name of the flag the colors are based on.
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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_man` (5 colors)
- `intersex` (2 colors)
- `aromantic` (5 colors)
- `genderfluid` (5 colors)
- `genderqueer` (3 colors)
- `lesbian_7` (7 colors)
- `gay_man_7` (7 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

name	character(1) Name of the flag the colors are based on.
...	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_man (5 colors)
- intersex (2 colors)
- aromantic (5 colors)
- genderfluid (5 colors)
- genderqueer (3 colors)
- lesbian_7 (7 colors)
- gay_man_7 (7 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")
```

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