Package: ggdatalab (via r-universe)

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Type Package

Title Datalab ggplot2 Theme and Scales

Version 0.1.1

Description A ggplot2 extension providing a Datalab theme and colour scales.

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Imports ggplot2 (>= 3.4.0), scales (>= 1.2.0)

Suggests knitr, rmarkdown, testthat (>= 3.0.0)

VignetteBuilder knitr

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Repository https://kubdatalab.r-universe.dev

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Contents

datalab_cols *Datalab palette (hex)*

Description

Datalab palette (hex)

Usage

```
datalab_cols()
```

Value

A character vector of hex colours.

datalab_pal *Datalab palette function*

Description

Returns a palette function for discrete or continuous use.

Usage

```
datalab_pal(type = c("discrete", "continuous"), reverse = FALSE)
```

Arguments

type	"discrete" or "continuous".
reverse	Logical. Reverse palette order.

Value

A function. For discrete: `function(n)` returns `n` colours. For continuous: `function(x)` maps values in `[0, 1]` to colours.

scale_colour_datalab_c

Datalab continuous colour scale

Description

Datalab continuous colour scale

Usage

```
scale_colour_datalab_c(..., reverse = FALSE, na.value = "grey80")

scale_color_datalab_c(..., reverse = FALSE, na.value = "grey80")
```

Arguments

...	Passed to ggplot2::scale_colour_gradientn().
reverse	Logical. Reverse palette order.
na.value	Colour for missing values.

scale_colour_datalab_d

Datalab discrete colour scale

Description

Datalab discrete colour scale

Usage

```
scale_colour_datalab_d(..., reverse = FALSE)

scale_color_datalab_d(..., reverse = FALSE)
```

Arguments

...	Passed to ggplot2::discrete_scale().
reverse	Logical. Reverse palette order.

scale_fill_datalab_c *Datalab continuous fill scale*

Description

Datalab continuous fill scale

Usage

```
scale_fill_datalab_c(..., reverse = FALSE, na.value = "grey80")
```

Arguments

...	Passed to ggplot2::scale_fill_gradientn().
reverse	Logical. Reverse palette order.
na.value	Colour for missing values.

scale_fill_datalab_d *Datalab discrete fill scale*

Description

Datalab discrete fill scale

Usage

```
scale_fill_datalab_d(..., reverse = FALSE)
```

Arguments

...	Passed to ggplot2::discrete_scale().
reverse	Logical. Reverse palette order.

`theme_datalab` *Datalab ggplot2 theme*

Description

Datalab ggplot2 theme

Usage

```
theme_datalab(base_size = 12, base_family = "")
```

Arguments

`base_size`	Base font size.
`base_family`	Base font family.

Value

A `ggplot2::theme()` object.

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