

Package: spellbind (via r-universe)

May 14, 2026

Title RLadies+ Brand Toolkit for R

Version 0.1.0

Description Colour palettes, ggplot2 themes, and colour scales for the RLadies+ visual identity. Provides a consistent branded look for data visualisations, reports, and presentations created by RLadies+ chapters worldwide.

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<https://github.com/rladies/spellbind>,
<http://rladies.org/spellbind/>

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rladies_cols	<i>RLadies+ brand colours</i>
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Description

Access individual colours or the full palette from the RLadies+ brand.

Usage

```
rladies_cols(...)
```

Arguments

... Character names of colours to retrieve. If empty, returns all colours as a named character vector.

Value

A named character vector of hex colour values.

Examples

```
rladies_cols()
rladies_cols("purple", "rose", "blue")
rladies_cols("charcoal")
```

rladies_formats *RLadies+ R Markdown output formats*

Description

Output format functions for creating branded RLadies+ documents. Use these in the output field of your R Markdown YAML header, or select them from RStudio's "From Template" menu.

Usage

```
rladies_html(toc = TRUE, toc_float = TRUE, ...)
```

```
rladies_pdf(toc = FALSE, ...)
```

Arguments

toc	Logical. Include a table of contents?
toc_float	Logical. Float the table of contents (HTML only)?
...	Additional arguments passed to the underlying format function.

Examples

```
## Not run:  
# In YAML header:  
# output: spellbind::rladies_html  
# output: spellbind::rladies_pdf  
  
## End(Not run)
```

rladies_mix *Tint or shade an RLadies+ brand colour*

Description

Mix a brand colour with lavender (tint) or charcoal (shade), following the RLadies+ brand guidelines. This is the same approach used in the brand SCSS — all tints mix towards lavender white, all shades mix towards Bastille Black.

Usage

```
rladies_mix(colour, amount = 0.5, mode = c("tint", "shade"))
```

Arguments

colour	A colour name from the brand palette (e.g. "purple", "blue", "rose") or any hex colour string.
amount	Numeric between 0 and 1. The proportion of the original colour to keep. amount = 0.75 gives a 75% tint (mostly colour, lightly mixed with lavender/charcoal).
mode	Either "tint" (mix towards lavender) or "shade" (mix towards charcoal).

Value

A hex colour string.

Examples

```
rladies_mix("purple", 0.75)
rladies_mix("purple", 0.50, mode = "shade")

scales::show_col(vapply(
  c(0.25, 0.50, 0.75, 1),
  function(x) rladies_mix("blue", x),
  character(1)
))
```

 rladies_pal

RLadies+ colour palettes

Description

Returns a colour palette function or vector from the RLadies+ brand.

Usage

```
rladies_pal(palette = "main", reverse = FALSE, ...)
```

Arguments

palette	Name of the palette. One of "main", "full", "purple", "blue", "rose", "neutral", "diverging", or "light".
reverse	Logical. Reverse the palette order?
...	Additional arguments passed to <code>grDevices::colorRampPalette()</code> .

Value

A function that takes an integer n and returns n interpolated colours.

Examples

```
rladies_pal("main")(3)
rladies_pal("purple")(6)
rladies_pal("diverging", reverse = TRUE)(7)
```

scale_rladies	<i>RLadies+ colour and fill scales for ggplot2</i>
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Description

Discrete and continuous colour/fill scales using the RLadies+ brand palettes.

Usage

```
scale_colour_rladies(palette = "main", reverse = FALSE, ...)  
scale_color_rladies(palette = "main", reverse = FALSE, ...)  
scale_fill_rladies(palette = "main", reverse = FALSE, ...)  
scale_colour_rladies_c(palette = "purple", reverse = FALSE, ...)  
scale_color_rladies_c(palette = "purple", reverse = FALSE, ...)  
scale_fill_rladies_c(palette = "purple", reverse = FALSE, ...)
```

Arguments

palette	Name of the palette (see rladies_pal() for options).
reverse	Logical. Reverse the palette order?
...	Additional arguments passed to ggplot2::discrete_scale() or ggplot2::scale_colour_gradientn()

Examples

```
library(ggplot2)  
  
ggplot(iris, aes(Sepal.Length, Sepal.Width, colour = Species)) +  
  geom_point(size = 3) +  
  scale_colour_rladies() +  
  theme_rladies()  
  
ggplot(faithfuld, aes(waiting, eruptions, fill = density)) +  
  geom_tile() +  
  scale_fill_rladies_c("purple") +  
  theme_rladies()
```

theme_rladies	<i>RLadies+ ggplot2 theme</i>
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Description

A clean ggplot2 theme using the RLadies+ brand palette. Supports light and dark modes with transparent backgrounds for seamless embedding in branded documents and dashboards.

Usage

```
theme_rladies(base_size = 13, mode = c("light", "dark"), grid = TRUE)
```

Arguments

base_size	Base font size in points.
mode	Either "light" (charcoal text on transparent background) or "dark" (lavender text on transparent background).
grid	Logical. Show major gridlines?

Value

A `ggplot2::theme()` object.

Examples

```
library(ggplot2)

ggplot(mtcars, aes(wt, mpg)) +
  geom_point(colour = rladies_cols("purple"), size = 3) +
  labs(title = "Weight vs Fuel Efficiency") +
  theme_rladies()

ggplot(mtcars, aes(wt, mpg)) +
  geom_point(colour = rladies_cols("purple_50"), size = 3) +
  labs(title = "Dark mode") +
  theme_rladies(mode = "dark")
```

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