Package 'teamcolors'

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Type Package

Title Color Palettes for Pro Sports Teams

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Description Provides color palettes corresponding to professional sports teams. These can be useful in creating data graphics that are themed for particular teams.

Depends R (>= 3.0)

Suggests Lahman, dplyr, ggplot2

License GPL

Encoding UTF-8

LazyData true

URL http://github.com/beanumber/teamcolors

BugReports https://github.com/beanumber/teamcolors/issues

RoxygenNote 6.0.1

NeedsCompilation no

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R topics documented:

`teamcolors` *Color palettes for professional sports teams*

Description

Color palettes for professional sports teams

Usage

```
teamcolors
```

Format

A data frame with one row for each professional team and five variables:

name the name of the team

league the league in which the team plays

primary the team's primary color

secondary the team's secondary color

tertiary the team's tertiary color

quaternary the team's quaternary color

Details

The colors given are HTML hexidecimal values. See `colors` for more information.

Source

http://jim-nielsen.com/teamcolors/

Examples

```
data(teamcolors)

if (require(Lahman) & require(dplyr)) {
  pythag <- Teams %>%
    filter(yearID == 2014) %>%
    select(name, W, L, R, RA) %>%
    mutate(wpct = W / (W+L), exp_wpct = 1 / (1 + (RA/R)^2)) %>%
    # St. Louis Cardinals do not match
    left_join(teamcolors, by = "name")
  with(pythag, plot(exp_wpct, wpct, bg = primary, col = secondary, pch = 21, cex = 3))


# Using ggplot2
if (require(ggplot2)) {
  ggplot(pythag, aes(x = wpct, y = exp_wpct, color = name, fill = name)) +
    geom_abline(slope = 1, intercept = 0, linetype = 3) +
```

```
    geom_point(shape = 21, size = 3) +
    scale_fill_manual(values = pythag$primary, guide = FALSE) +
    scale_color_manual(values = pythag$secondary, guide = FALSE) +
    geom_text(aes(label = substr(name, 1, 3))) +
    scale_x_continuous("Winning Percentage", limits = c(0.3, 0.7)) +
    scale_y_continuous("Expected Winning Percentage", limits = c(0.3, 0.7)) +
    coord_equal()
  }
}
```

Index