

# Package ‘colorr’

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**Type** Package

**Title** Color Palettes for EPL, MLB, NBA, NHL, and NFL Teams

**Version** 1.0.0

**Description** Color palettes for EPL, MLB, NBA, NHL, and NFL teams.

**License** MIT + file LICENSE

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`epl.colors`*EPL colors*

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## Description

Function returns a vector of character strings from a selected EPL team's color palette. The team options are `c("arsenal", "bournemouth", "burnley", "chelsea", "crystal_palace", "everton", "hull", "leicester", "liverpool", "man_city", "man_united", "middlesbrough", "southampton", "stoke_city", "sunderland", "swansea_city", "tottenham", "watford", "west_bromich_albion", "west_ham")`.

## Usage

```
epl.colors(set = c("arsenal", "bournemouth", "burnley", "chelsea",  
  "crystal_palace", "everton", "hull", "leicester", "liverpool", "man_city",  
  "man_united", "middlesbrough", "southampton", "stoke_city", "sunderland",  
  "swansea_city", "tottenham", "watford", "west_bromich_albion", "west_ham"))
```

## Arguments

`set` Character string denoting an EPL team's color palette.

## Value

Vector of character strings from the selected EPL team's color palette.

## Author(s)

Charles Crabtree <ccrabtr@umich.edu>

## Examples

```
## Not run:  
# Manchester United colors  
(pal = epl.colors("man_united"))  
pie(rep(1, length(pal)), labels = sprintf("%d (%s)", seq_along(pal), pal), col = pal)  
  
# Tottenham colors  
(pal = epl.colors("tottenham"))  
pie(rep(1, length(pal)), labels = sprintf("%d (%s)", seq_along(pal), pal), col = pal)  
  
## End(Not run)
```

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`mlb.colors`*MLB colors*

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## Description

Function returns a vector of character strings from a selected MLB team's color palette. The team options are `c("diamondbacks", "braves", "orioles", "red_sox", "cubs", "white_sox", "reds", "indians", "rockies", "tigers", "astros", "royals", "angels", "dodgers", "marlins", "brewers", "twins", "mets", "yankees", "athletics", "phillies", "pirates", "padres", "giants", "mariners", "cardinals", "rays", "rangers", "blue_jays", "nationals")`.

## Usage

```
mlb.colors(set = c("diamondbacks", "braves", "orioles", "red_sox", "cubs",
  "white_sox", "reds", "indians", "rockies", "tigers", "astros", "royals",
  "angels", "dodgers", "marlins", "brewers", "twins", "mets", "yankees",
  "athletics", "phillies", "pirates", "padres", "giants", "mariners",
  "cardinals", "rays", "rangers", "blue_jays", "nationals"))
```

## Arguments

`set` Character string denoting an MLB team's color palette.

## Value

Vector of character strings from the selected MLB team's color palette.

## Author(s)

Charles Crabtree <ccrabtr@umich.edu>

## Examples

```
## Not run:
# Colorado Rockies colors
(pal = mlb.colors("rockies"))
pie(rep(1, length(pal)), labels = sprintf("%d (%s)", seq_along(pal), pal), col = pal)

# Seattle Mariners colors
(pal = mlb.colors("mariners"))
pie(rep(1, length(pal)), labels = sprintf("%d (%s)", seq_along(pal), pal), col = pal)

## End(Not run)
```

---

`nba.colors`*NBA colors*

---

## Description

Function returns a vector of character strings from a selected NBA team's color palette. The team options are `c("hawks", "hornets", "mavs", "warriors", "clippers", "heat", "pelicans", "magic", "blazers", "raptors", "celtics", "bulls", "nuggets", "rockets", "lakers", "bucks", "knicks", "sixers", "kings", "jazz", "nets", "cavs", "pistons", "pacers", "grizzlies", "wolves", "thunder", "suns", "spurs", "wizards", "sonics")`

## Usage

```
nba.colors(set = c("hawks", "hornets", "mavs", "warriors", "clippers", "heat",
  "pelicans", "magic", "blazers", "raptors", "celtics", "bulls", "nuggets",
  "rockets", "lakers", "bucks", "knicks", "sixers", "kings", "jazz", "nets",
  "cavs", "pistons", "pacers", "grizzlies", "wolves", "thunder", "suns",
  "spurs", "wizards", "sonics"))
```

## Arguments

`set` Character string denoting an NBA team's color palette.

## Value

Vector of character strings from the selected NBA team's color palette.

## Author(s)

Charles Crabtree <ccrabtr@umich.edu>

## Examples

```
## Not run:
# Detroit Pistons colors
(pal = nba.colors("pistons"))
pie(rep(1, length(pal)), labels = sprintf("%d (%s)", seq_along(pal), pal), col = pal)

# Milwaukee Bucks colors
(pal = nba.colors("bucks"))
pie(rep(1, length(pal)), labels = sprintf("%d (%s)", seq_along(pal), pal), col = pal)

## End(Not run)
```

---

`nfl.colors`*NFL colors*

---

## Description

Function returns a vector of character strings from a selected NFL team's color palette. The team options are `c("cardinals", "falcons", "ravens", "bills", "panthers", "bears", "bengals", "browns", "cowboys", "broncos", "lions", "packers", "texans", "colts", "jaguars", "chiefs", "chargers", "rams", "dolphins", "vikings", "patriots", "saints", "giants", "jets", "raiders", "eagles", "steelers", "niners", "seahawks", "buccaneers", "titans", "redskins")`.

## Usage

```
nfl.colors(set = c("cardinals", "falcons", "ravens", "bills", "panthers",
  "bears", "bengals", "browns", "cowboys", "broncos", "lions", "packers",
  "texans", "colts", "jaguars", "chiefs", "chargers", "rams", "dolphins",
  "vikings", "patriots", "saints", "giants", "jets", "raiders", "eagles",
  "steelers", "niners", "seahawks", "buccaneers", "titans", "redskins"))
```

## Arguments

`set` Character string denoting an NFL team's color palette.

## Value

Vector of character strings from the selected NFL team's color palette.

## Author(s)

Charles Crabtree <ccrabtr@umich.edu>

## Examples

```
## Not run:
# Detroit Lions colors
(pal = nfl.colors("lions"))
pie(rep(1, length(pal)), labels = sprintf("%d (%s)", seq_along(pal), pal), col = pal)

# Detroit Broncos colors
(pal = nfl.colors("broncos"))
pie(rep(1, length(pal)), labels = sprintf("%d (%s)", seq_along(pal), pal), col = pal)

## End(Not run)
```

---

`nhl.colors`*NHL colors*

---

**Description**

Function returns a vector of character strings from a selected NHL team's color palette. The team options are `c("ducks", "coyotes", "bruins", "sabres", "flames", "hurricanes", "blackhawks", "avalanche", "blue_jackets", "stars", "red_wings", "oilers", "panthers", "kings", "wild", "canadiens", "predators", "devils", "islanders", "rangers", "senators", "flyers", "penguins", "sharks", "blues", "lightning", "maple_leafs", "canucks", "golden_knights", "capitals", "jets")`.

**Usage**

```
nhl.colors(set = c("ducks", "coyotes", "bruins", "sabres", "flames",
  "hurricanes", "blackhawks", "avalanche", "blue_jackets", "stars", "red_wings",
  "oilers", "panthers", "kings", "wild", "canadiens", "predators", "devils",
  "islanders", "rangers", "senators", "flyers", "penguins", "sharks", "blues",
  "lightning", "maple_leafs", "canucks", "golden_knights", "capitals", "jets"))
```

**Arguments**

`set` Character string denoting an NHL team's color palette.

**Value**

Vector of character strings from the selected NHL team's color palette.

**Author(s)**

Charles Crabtree <ccrabtr@umich.edu>

**Examples**

```
## Not run:
# Anaheim Ducks colors
(pal = nhl.colors("ducks"))
pie(rep(1, length(pal)), labels = sprintf("%d (%s)", seq_along(pal), pal), col = pal)

# Colorado Avalanche colors
(pal = nhl.colors("avalanche"))
pie(rep(1, length(pal)), labels = sprintf("%d (%s)", seq_along(pal), pal), col = pal)

## End(Not run)
```

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