

Converting Colors

`RYB(129, 165, 194)`

Have a look what the booklet for
RYB(129, 165, 194) contains.

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Color

R_YB(129, 165, 194)

Conversions

Conversions Part 1

Format	Color
Hex	81C2B5
RGB	129, 194, 181
RGB Percent	51%, 76%, 71%
CMY	0.4941, 0.2392, 0.2888
CMYK	0.34, 0.00, 0.07, 0.24
HSL	168°, 35%, 63%
HSV	168°, 34%, 76%
XYZ	36.7226, 46.6017, 50.9701
YIQ	173.0830, -34.5670, -17.8230

Conversions

Conversions Part 2

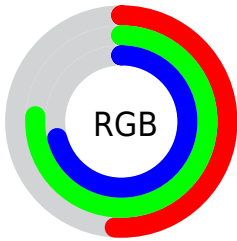
Format	Color
R_{YB}	129, 165, 194
Decimal	8503989
CIE _{Lab}	73.93, -23.48, -0.23
CIE _{LCh}	74, 23.481, 180.568
Yxy	46.6017, 0.2734, 0.3470
Android (android.graphics.Color)	4286694069 (0xFF81C2B5)
YUV	173.0830, 3.9031, -38.6608
Hunter-Lab	68.2655, -23.4425, 3.5172

Details

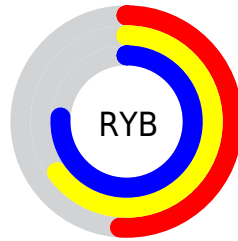
The RYB color **129, 165, 194** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **194, 129, 142**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **184, 221, 251**, and **76, 111, 140** is the 20% darker color. If you saturate the color by 10%, you get **110, 156, 194**, and if you desaturate by 10%, it is **148, 173, 194**.

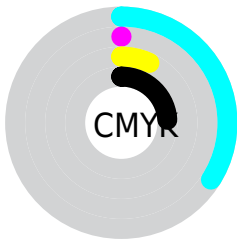
Distribution



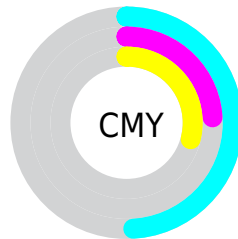
- Red (51%)
- Green (76%)
- Blue (71%)



- Red (51%)
- Yellow (65%)
- Blue (76%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (49%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 165, 194 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 129, 165, 194 by changing the saturation by 10% instead.

 129, 165, 194


255, 255, 255


 184, 221, 251

 212, 234, 255


 241, 248, 255

 129, 165, 194

 102, 138, 167

 76, 111, 140

 50, 85, 114

 21, 58, 90

 0, 35, 66

 0, 24, 43

 0, 14, 23

 0, 0, 0

 129, 165, 194

 129, 165, 194

■ 110, 156, 194

■ 148, 173, 194

■ 90, 148, 194

■ 168, 182, 194

■ 71, 139, 194

■ 187, 191, 194

■ 51, 130, 194

■ 207, 194, 196

■ 32, 122, 194

■ 226, 194, 200

■ 13, 113, 194

■ 245, 194, 204

■ 0, 108, 194

■ 255, 194, 208

■ 255, 194, 212

■ 255, 194, 215

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



150, 184, 192



129, 165, 194



121, 159, 203

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



129, 165, 194



186, 176, 219



216, 191, 145

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



129, 165, 194



194, 129, 142

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225, 169, 161



129, 165, 194



210, 170, 203

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



129, 165, 194



157, 176, 224



224, 166, 182



165, 198, 139

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



129, 165, 194



126, 163, 214



224, 166, 182



220, 181, 149

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



129, 165, 194



227, 241, 252



129, 194, 181



112, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



129, 165, 194



151, 207, 252



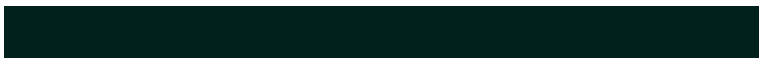
129, 156, 194



87, 93, 97



0, 89, 161



0, 18, 33

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



194, 129, 142



252, 151, 171



194, 158, 129



97, 87, 89



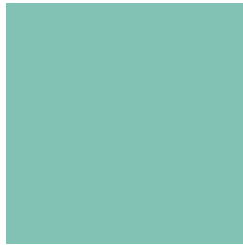
161, 0, 31



33, 0, 6

Previews

White Background



This preview shows how the RYB color 129, 165, 194 looks on a white background.

Color Contrast Check

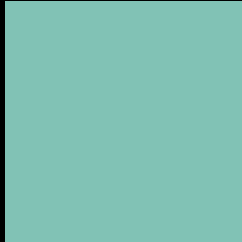
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 129, 165, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

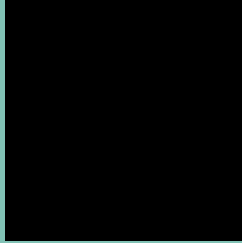
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

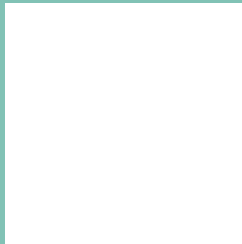
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 129, 165, 194 Background



This preview shows how black text looks on a background with the RYB color 129, 165, 194.



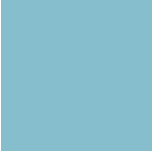
This preview shows how white text looks on a background with the RYB color 129, 165, 194.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
135, 166, 206

Trichromacy



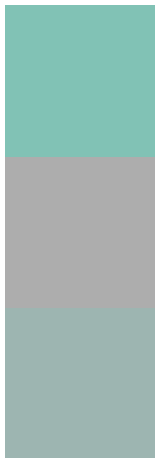
Original Color
129, 165, 194

Protanomaly
165, 178, 185

Deuteranomaly
172, 177, 184

Tritanomaly
133, 163, 197

Monochromacy



Original Color
129, 165, 194

Achromatopsia
173, 173, 173

Achromatomaly
157, 170, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 165, 194 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(129, 194, 181)` looks like.

```
.text, #text, p{  
    color:rgb(129, 194, 181)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(129, 194, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 194, 181) }
```

Border

The CSS property to change the border of an element to RYB 129, 165, 194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 194, 181) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(129, 194, 181) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(129, 194, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 194, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 194, 181); box-shadow:4px 4px 4px 4px rgb(129, 194, 181) }
```

Background

The CSS property to change the background color of an element to RYB 129, 165, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 194, 181) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(129,  
194, 181) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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