

Converting Colors

`RYB(176, 190, 195)`

Have a look what the booklet for
RYB(176, 190, 195) contains.

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Color

R_YB(176, 190, 195)

Conversions

Conversions Part 1

Format	Color
Hex	B0C3B7
RGB	176, 195, 183
RGB Percent	69%, 76%, 72%
CMY	0.3098, 0.2353, 0.2832
CMYK	0.10, 0.00, 0.06, 0.24
HSL	141°, 14%, 73%
HSV	141°, 10%, 76%
XYZ	45.9446, 51.6703, 52.2347
YIQ	187.9510, -7.4720, -7.7600

Conversions

Conversions Part 2

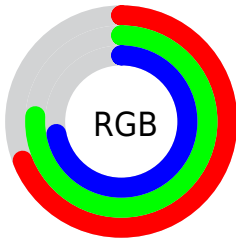
Format	Color
RYB	176, 190, 195
Decimal	11584439
CIELab	77.08, -8.82, 3.92
CIElCh	77, 9.649, 156.011
Yxy	51.6703, 0.3066, 0.3448
Android (android.graphics.Color)	4289774519 (0xFFB0C3B7)
YUV	187.9510, -2.4408, -10.4810
Hunter-Lab	71.8821, -11.7025, 7.2330

Details

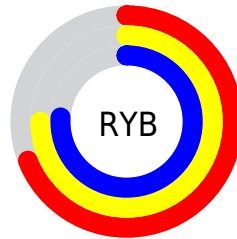
The RYB color **176, 190, 195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195, 176, 188**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **232, 247, 252**, and **123, 136, 141** is the 20% darker color. If you saturate the color by 10%, you get **157, 185, 195**, and if you desaturate by 10%, it is **195, 195, 195**.

Distribution



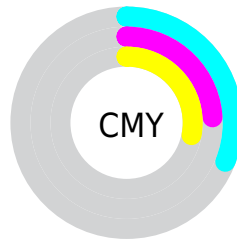
- Red (69%)
- Green (76%)
- Blue (72%)



- Red (69%)
- Yellow (75%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 190, 195 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 176, 190, 195 by changing the saturation by 10% instead.

■ 176, 190, 195

255, 255, 255

■ 232, 247, 252

■ 176, 190, 195

■ 149, 163, 168

■ 123, 136, 141

■ 98, 111, 116

■ 75, 87, 91

■ 52, 64, 68


■ 30, 41, 45

■ 7, 19, 25

■ 0, 0, 0

■ 176, 190, 195

■ 176, 190, 195

 157, 185, 195


 195, 195, 195

 137, 180, 195


 215, 195, 208

 118, 175, 195


 235, 195, 220

 98, 169, 195


 254, 195, 233

 79, 165, 195

 255, 195, 245

 59, 159, 195

 255, 195, 255

 40, 154, 195

 20, 149, 195

 1, 144, 195

Harmonies

Analogous

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



176, 193, 183



176, 190, 195



170, 184, 196

Triad

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



176, 190, 195



183, 188, 208



209, 186, 180

Complementary

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



176, 190, 195



195, 176, 188

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.



209, 184, 189



176, 190, 195



194, 187, 205

Square

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



176, 190, 195



174, 186, 206



204, 185, 198



205, 196, 174

Rectangle

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



176, 190, 195



168, 182, 198



204, 185, 198



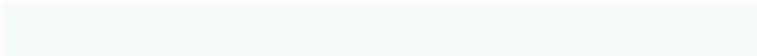
210, 185, 183

Sweetspot

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



176, 190, 195



245, 250, 252



176, 195, 183



122, 127, 128



0, 0, 0



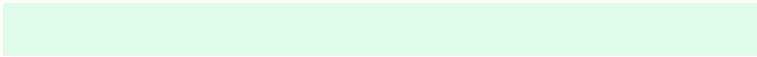
128, 128, 128

Same Dimension

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



176, 190, 195



222, 244, 252



176, 186, 195



87, 94, 97



0, 119, 161



0, 24, 33

Inverse Universe

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



195, 176, 188



252, 222, 242



195, 176, 179



97, 87, 93



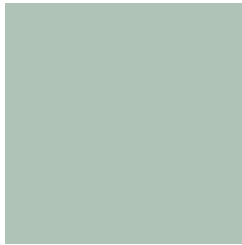
161, 0, 103



33, 0, 21

Previews

White Background



This preview shows how the RYB color 176, 190, 195 looks on a white background.

Color Contrast Check

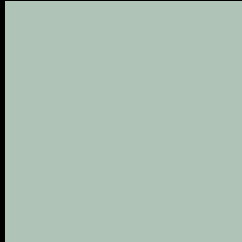
Large Text (above 18pt) WCAG AA × Fail

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 176, 190, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

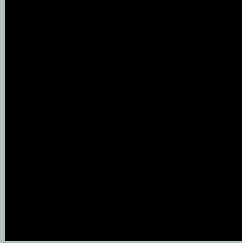
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

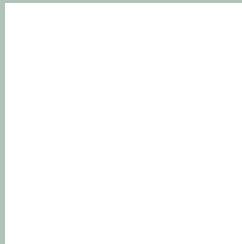
Any Text WCAG AAA ✓ Pass

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

R Y B 176, 190, 195 Background



This preview shows how black text looks on a background with the RYB color 176, 190, 195.

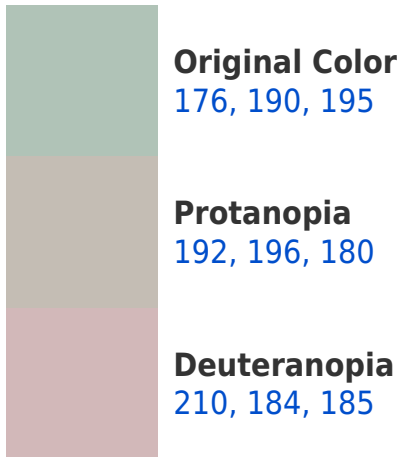


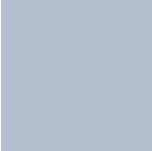
This preview shows how white text looks on a background with the RYB color 176, 190, 195.

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](#).

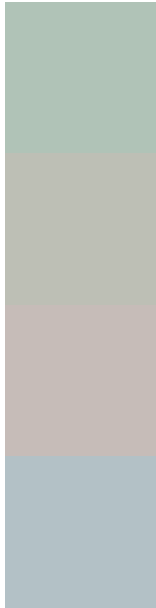
Dichromacy





Tritanopia
180, 188, 207

Trichromacy



Original Color

176, 190, 195

Protanomaly

181, 191, 183

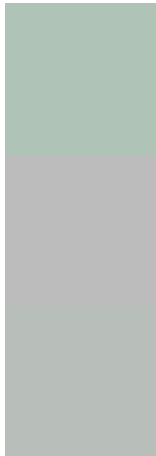
Deuteranomaly

198, 190, 184

Tritanomaly

179, 187, 198

Monochromacy



Original Color

176, 190, 195

Achromatopsia

188, 188, 188

Achromatomaly

184, 189, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 190, 195 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(176, 195, 183) looks like.

```
.text, #text, p{  
    color:rgb(176, 195, 183)  
}
```

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(176, 195, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 195, 183) }
```

Border

The CSS property to change the border of an element to RYB 176, 190, 195 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(176, 195, 183) }
```

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

```
.border{ border-color:rgb(176, 195, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 195, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 195, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 195, 183); box-shadow:4px 4px 4px 4px rgb(176, 195, 183) }
```

Background

The CSS property to change the background color of an element to RYB 176, 190, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 195, 183) }
```

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

```
.background{ background-color: rgb(176,  
195, 183) }
```

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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