

Converting Colors

`RYB(181, 192, 198)`

Have a look what the booklet for
RYB(181, 192, 198) contains.

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Color

R_YB(181, 192, 198)

Conversions

Conversions Part 1

Format	Color
Hex	B5C6BE
RGB	181, 198, 190
RGB Percent	71%, 78%, 75%
CMY	0.2902, 0.2235, 0.2538
CMYK	0.09, 0.00, 0.04, 0.22
HSL	153°, 13%, 74%
HSV	153°, 9%, 78%
XYZ	48.5742, 53.9416, 56.7233
YIQ	192.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

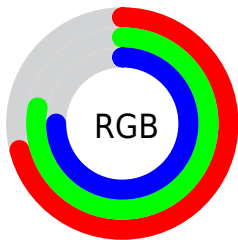
Format	Color
RYB	181, 192, 198
Decimal	11912894
CIELab	78.43, -7.26, 1.88
CIELCh	78, 7.501, 165.495
Yxy	53.9416, 0.3050, 0.3387
Android (android.graphics.Color)	4290102974 (0xFFB5C6BE)
YUV	192.0050, -0.9885, -9.6514
Hunter-Lab	73.4449, -10.4741, 5.6204

Details

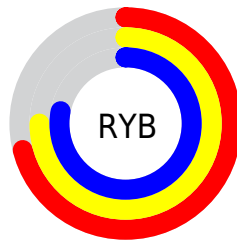
The RYB color **181, 192, 198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 181, 189**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **237, 249, 255**, and **128, 138, 144** is the 20% darker color. If you saturate the color by 10%, you get **161, 185, 198**, and if you desaturate by 10%, it is **201, 198, 199**.

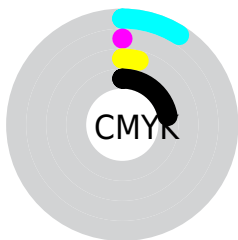
Distribution



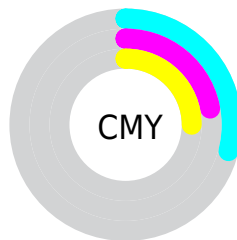
- Red (71%)
- Green (78%)
- Blue (75%)



- Red (71%)
- Yellow (75%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)




- Cyan (29%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 181, 192, 198 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 181, 192, 198 by changing the saturation by 10% instead.

 181, 192, 198

255, 255, 255

 237, 249, 255

 181, 192, 198

 154, 165, 171

 128, 138, 144

 103, 113, 119

 79, 89, 94

 56, 65, 70


 34, 43, 48


 14, 22, 27


 0, 0, 0


 181, 192, 198


 181, 192, 198


 161, 185, 198


 201, 198, 199

 141, 178, 198


 221, 198, 208

 122, 171, 198


 240, 198, 217

 102, 164, 198


 255, 198, 226

 82, 157, 198


 255, 198, 235

 62, 150, 198

 255, 198, 244

 42, 143, 198

 255, 198, 253

 23, 136, 198

 255, 198, 255

 3, 129, 198

Harmonies

Analogous

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



184, 197, 193



181, 192, 198



177, 188, 198

Triad

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



181, 192, 198



191, 193, 207



208, 192, 184

Complementary

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



181, 192, 198



198, 181, 189

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, 189, 191



181, 192, 198



200, 191, 204

Square

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



181, 192, 198



183, 191, 207



206, 190, 198



203, 203, 181

Rectangle

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



181, 192, 198



177, 188, 202



206, 190, 198



209, 191, 186

Sweetspot

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



181, 192, 198



247, 252, 255



181, 198, 190



122, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 192, 198



230, 246, 255



181, 189, 198



90, 96, 99



0, 105, 163



0, 24, 36

Inverse Universe

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



198, 181, 189



255, 230, 241



198, 182, 181



99, 90, 94



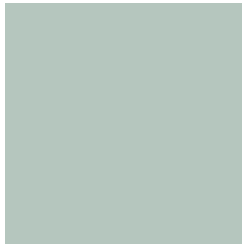
163, 0, 74



36, 0, 16

Previews

White Background



This preview shows how the RYB color 181, 192, 198 looks on a white background.

Color Contrast Check

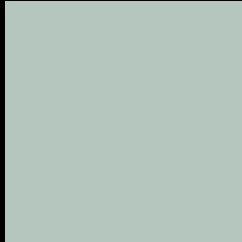
Large Text (above 18pt) WCAG AA × Fail

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 181, 192, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

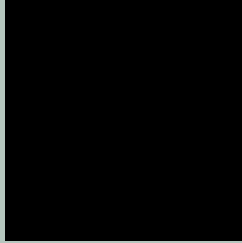
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

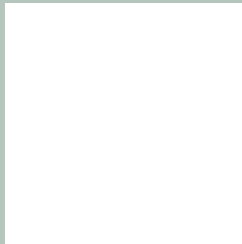
Any Text WCAG AAA ✓ Pass

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

R/Y/B 181, 192, 198 Background



This preview shows how black text looks on a background with the R/Y/B color 181, 192, 198.



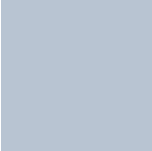
This preview shows how white text looks on a background with the R/Y/B color 181, 192, 198.

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

184, 192, 210

Trichromacy



Original Color

181, 192, 198

Protanomaly

188, 195, 191

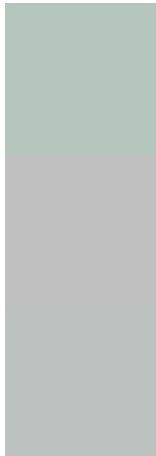
Deuteranomaly

201, 192, 191

Tritanomaly

183, 191, 203

Monochromacy



Original Color

181, 192, 198

Achromatopsia

192, 192, 192

Achromatomaly

188, 192, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 192, 198 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(181, 198, 190)` looks like.

```
.text, #text, p{  
    color:rgb(181, 198, 190)  
}
```

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(181, 198, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 198, 190) }
```

Border

The CSS property to change the border of an element to RYB 181, 192, 198 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(181, 198, 190) }
```

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

```
.border{ border-color:rgb(181, 198, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 198, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 198, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 198, 190);  
box-shadow:4px 4px 4px 4px rgb(181, 198,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 181, 192, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 198, 190) }
```

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

```
.background{ background-color: rgb(181,  
198, 190) }
```

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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