

Converting Colors

`RYB(188, 194, 198)`

Have a look what the booklet for RYB(188, 194, 198) contains.

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Color

R_YB(188, 194, 198)

Conversions

Conversions Part 1

Format	Color
Hex	BCC6C3
RGB	188, 198, 195
RGB Percent	74%, 78%, 76%
CMY	0.2627, 0.2235, 0.2366
CMYK	0.05, 0.00, 0.02, 0.22
HSL	160°, 8%, 76%
HSV	160°, 5%, 78%
XYZ	50.7458, 55.0046, 59.3747
YIQ	194.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

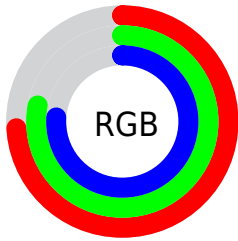
Format	Color
RYB	188, 194, 198
Decimal	12371651
CIELab	79.04, -4.05, 0.47
CIELCh	79, 4.075, 173.350
Yxy	55.0046, 0.3073, 0.3331
Android (android.graphics.Color)	4290561731 (0xFFBCC6C3)
YUV	194.6680, 0.1637, -5.8478
Hunter-Lab	74.1651, -7.6543, 4.4494

Details

The RYB color **188, 194, 198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 188, 191**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **244, 250, 255**, and **135, 140, 144** is the 20% darker color. If you saturate the color by 10%, you get **168, 186, 198**, and if you desaturate by 10%, it is **208, 198, 201**.

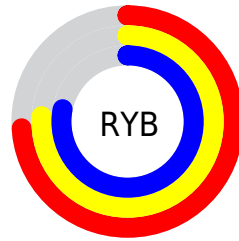
Distribution



Red (74%)

Green (78%)

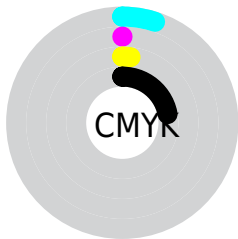
Blue (76%)



Red (74%)

Yellow (76%)

Blue (78%)

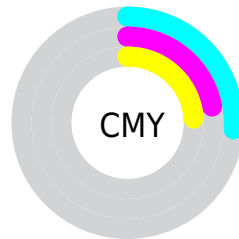


Cyan (5%)

Magenta (0%)

Yellow (2%)

Black (22%)



Cyan (26%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 194, 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 188, 194, 198 by changing the saturation by 10% instead.

■ 188, 194, 198

255, 255, 255

■ 244, 251, 255

■ 188, 194, 198

■ 161, 167, 171

■ 135, 140, 144

■ 109, 115, 119

■ 85, 90, 94

■ 62, 67, 70

■ 40, 45, 48

■ 20, 24, 27

■ 0, 0, 0

■ 188, 194, 198

■ 188, 194, 198

■ 168, 186, 198

■ 208, 198, 201

■ 148, 178, 198

■ 228, 198, 208

■ 129, 170, 198

■ 247, 198, 214

■ 109, 163, 198

■ 255, 198, 221

■ 89, 154, 198

■ 255, 198, 228

■ 69, 146, 198

■ 255, 198, 234

■ 49, 139, 198

■ 255, 198, 241

■ 30, 131, 198

■ 255, 198, 247

■ 10, 123, 198

■ 255, 198, 254

Harmonies

Analogous

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



191, 197, 197



188, 194, 198



187, 193, 199

Triad

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



188, 194, 198



196, 195, 203



203, 196, 190

Complementary

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



188, 194, 198



198, 188, 191

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.



204, 193, 193



188, 194, 198



200, 194, 200

Square

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



188, 194, 198



191, 195, 203



203, 193, 197



197, 200, 188

Rectangle

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



188, 194, 198



187, 193, 201



203, 193, 197



204, 195, 191

Sweetspot

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



188, 194, 198



250, 253, 255



188, 198, 194



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 194, 198



240, 249, 255



188, 193, 198



92, 96, 99



0, 98, 163



0, 22, 36

Inverse Universe

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



198, 188, 191



255, 240, 245



198, 191, 188



99, 92, 95



163, 0, 54



36, 0, 12

Previews

White Background



This preview shows how the RYB color 188, 194, 198 looks on a white background.

Color Contrast Check

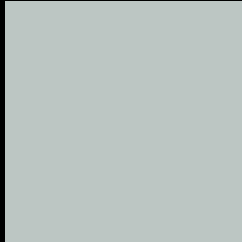
Large Text (above 18pt) WCAG AA × Fail

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 188, 194, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

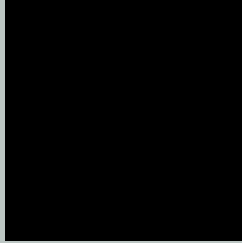
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

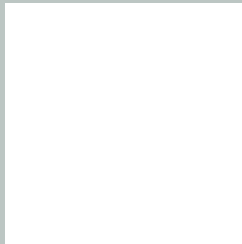
Any Text WCAG AAA ✓ Pass

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

R Y B 188, 194, 198 Background



This preview shows how black text looks on a background with the RYB color 188, 194, 198.



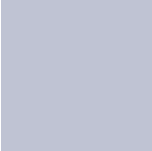
This preview shows how white text looks on a background with the RYB color 188, 194, 198.

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
191, 194, 211

Trichromacy



Original Color

188, 194, 198

Protanomaly

194, 196, 194

Deuteranomaly

205, 192, 196

Tritanomaly

190, 194, 205

Monochromacy



Original Color

188, 194, 198

Achromatopsia

195, 195, 195

Achromatomaly

192, 194, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 194, 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(188, 198, 195) looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 195)  
}
```

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(188, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 195) }
```

Border

The CSS property to change the border of an element to RYB 188, 194, 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(188, 198, 195) }
```

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

```
.border{ border-color:rgb(188, 198, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 198, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(188, 198,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 188, 194, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 195) }
```

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

```
.background{ background-color: rgb(188,  
198, 195) }
```

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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