

Converting Colors

`RYB(178, 188, 192)`

Have a look what the booklet for
RYB(178, 188, 192) contains.

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Color

R_YB(178, 188, 192)

Conversions

Conversions Part 1

Format	Color
Hex	B2C0B8
RGB	178, 192, 184
RGB Percent	70%, 75%, 72%
CMY	0.3020, 0.2471, 0.2800
CMYK	0.07, 0.00, 0.04, 0.25
HSL	144°, 10%, 73%
HSV	144°, 7%, 75%
XYZ	45.8196, 50.6082, 52.4813
YIQ	186.9020, -5.7760, -5.4560

Conversions

Conversions Part 2

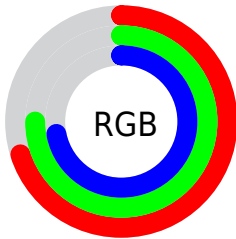
Format	Color
RYB	178, 188, 192
Decimal	11714744
CIELab	76.44, -6.40, 2.57
CIELCh	76, 6.900, 158.135
Yxy	50.6082, 0.3077, 0.3399
Android (android.graphics.Color)	4289904824 (0xFFB2C0B8)
YUV	186.9020, -1.4307, -7.8071
Hunter-Lab	71.1394, -9.5255, 6.0579

Details

The RYB color **178, 188, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192, 178, 186**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **234, 244, 248**, and **125, 135, 139** is the 20% darker color. If you saturate the color by 10%, you get **159, 183, 192**, and if you desaturate by 10%, it is **197, 192, 195**.

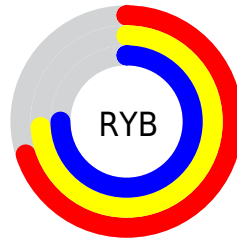
Distribution



Red (70%)

Green (75%)

Blue (72%)



Red (70%)

Yellow (74%)

Blue (75%)

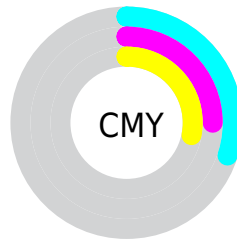


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (25%)



Cyan (30%)

Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 188, 192 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 178, 188, 192 by changing the saturation by 10% instead.

 178, 188, 192


255, 255, 255

 234, 244, 248

 178, 188, 192

 151, 161, 165

 125, 135, 139

 100, 109, 113

 76, 85, 89


 54, 62, 65

 32, 40, 43


 10, 19, 23


 0, 0, 0

 178, 188, 192


 178, 188, 192

 159, 183, 192


 197, 192, 195

 140, 177, 192


 216, 192, 207

 120, 171, 192


 236, 192, 218

 101, 166, 192


 255, 192, 230

 82, 161, 192


 255, 192, 241

 63, 155, 192

 255, 192, 253

 44, 150, 192

 255, 192, 255

 24, 144, 192

 5, 138, 192

Harmonies

Analogous

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



178, 191, 184



178, 188, 192



174, 184, 192

Triad

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



178, 188, 192



184, 187, 201



202, 186, 181

Complementary

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



178, 188, 192



192, 178, 186

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.



202, 184, 187



178, 188, 192



192, 186, 199

Square

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



178, 188, 192



177, 185, 200



199, 185, 193



199, 195, 177

Rectangle

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



178, 188, 192



173, 183, 194



199, 185, 193



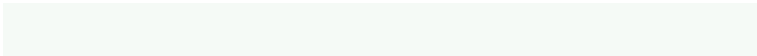
203, 185, 183

Sweetspot

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



178, 188, 192



245, 249, 250



178, 192, 184



122, 124, 125



252, 252, 252



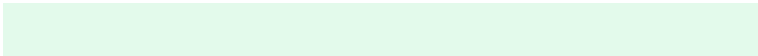
125, 125, 125

Same Dimension

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



178, 188, 192



227, 244, 250



178, 185, 192



87, 94, 97



0, 115, 161



0, 24, 33

Inverse Universe

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



192, 178, 186



250, 227, 241



192, 178, 179



97, 87, 93



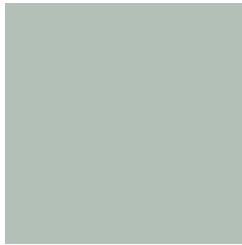
161, 0, 96



33, 0, 20

Previews

White Background



This preview shows how the RYB color 178, 188, 192 looks on a white background.

Color Contrast Check

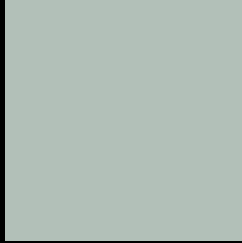
Large Text (above 18pt) WCAG AA × Fail

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 178, 188, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

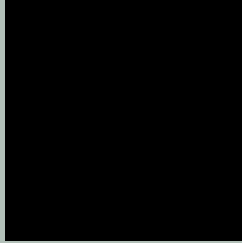
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

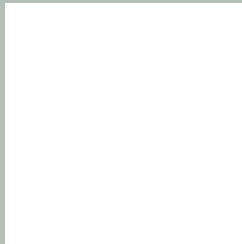
Any Text WCAG AAA ✓ Pass

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

RYB 178, 188, 192 Background



This preview shows how black text looks on a background with the RYB color 178, 188, 192.



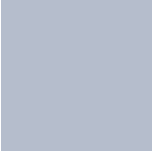
This preview shows how white text looks on a background with the RYB color 178, 188, 192.

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
181, 187, 204

Trichromacy



Original Color

178, 188, 192

Protanomaly

182, 189, 183

Deuteranomaly

196, 186, 185

Tritanomaly

180, 186, 197

Monochromacy



Original Color

178, 188, 192

Achromatopsia

187, 187, 187

Achromatomaly

184, 188, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 188, 192 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(178, 192, 184)` looks like.

```
.text, #text, p{  
    color:rgb(178, 192, 184)  
}
```

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(178, 192, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 192, 184) }
```

Border

The CSS property to change the border of an element to RYB 178, 188, 192 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(178, 192, 184) }
```

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

```
.border{ border-color:rgb(178, 192, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 192, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 192, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 192, 184);  
box-shadow:4px 4px 4px 4px rgb(178, 192,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 178, 188, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 192, 184) }
```

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

```
.background{ background-color: rgb(178,  
192, 184) }
```

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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