

Converting Colors

`RYB(178, 194, 191)`

Have a look what the booklet for
RYB(178, 194, 191) contains.

RYB(178, 194, 191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(178, 194, 191)$

Conversions

Conversions Part 1

Format	Color
Hex	B5C2B2
RGB	181, 194, 178
RGB Percent	71%, 76%, 70%
CMY	0.2902, 0.2392, 0.3020
CMYK	0.07, 0.00, 0.08, 0.24
HSL	109°, 12%, 73%
HSV	109°, 8%, 76%
XYZ	46.3837, 51.6217, 49.6388
YIQ	188.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

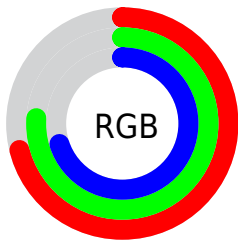
Format	Color
RYB	178, 194, 191
Decimal	11911858
CIELab	77.05, -7.44, 6.51
CIELCh	77, 9.889, 138.825
Yxy	51.6217, 0.3142, 0.3496
Android (android.graphics.Color)	4290101938 (0xFFB5C2B2)
YUV	188.2890, -5.0725, -6.3925
Hunter-Lab	71.8482, -10.4985, 9.3313

Details

The RYB color **178, 194, 191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **191, 178, 194**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **234, 250, 247**, and **125, 140, 137** is the 20% darker color. If you saturate the color by 10%, you get **159, 194, 188**, and if you desaturate by 10%, it is **197, 194, 197**.

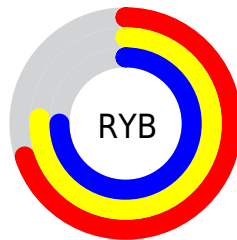
Distribution



Red (71%)

Green (76%)

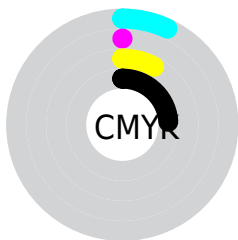
Blue (70%)



Red (70%)

Yellow (76%)

Blue (75%)

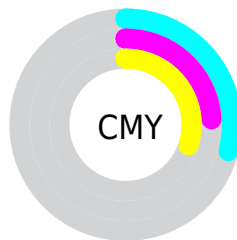


Cyan (7%)

Magenta (0%)

Yellow (8%)

Black (24%)



Cyan (29%)

Magenta (24%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the RYB color 178, 194, 191 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, 194, 191 by changing the saturation by 10% instead.

 178, 194, 191


255, 255, 255

 234, 250, 247

 178, 194, 191

 151, 167, 164

 125, 140, 137

 100, 115, 112

 77, 90, 88

 54, 67, 65

 33, 45, 44


 10, 24, 21

 0, 0, 0


 178, 194, 191

 178, 194, 191

 159, 194, 188


 197, 194, 197


 139, 194, 184


 213, 194, 217

 120, 194, 180


 228, 194, 236


 100, 194, 176


 244, 194, 255

 81, 194, 173

 255, 194, 255

 62, 194, 170

 42, 194, 165

 23, 194, 162

 3, 194, 158

Harmonies

Analogous

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



174, 192, 173



178, 194, 191



172, 187, 196

Triad

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



178, 194, 191



177, 187, 208



210, 184, 185

Complementary

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



178, 194, 191



191, 178, 194

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.



207, 184, 194



178, 194, 191



188, 189, 207

Square

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



178, 194, 191



169, 184, 204



199, 186, 202



208, 190, 177

Rectangle

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



178, 194, 191



169, 183, 196



199, 186, 202



210, 184, 188

Sweetspot

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



178, 194, 191



247, 252, 251



182, 194, 178



125, 128, 128



0, 0, 0



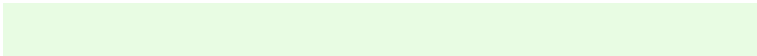
128, 128, 128

Same Dimension

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



178, 194, 191



227, 252, 247



178, 190, 194



87, 97, 95



0, 161, 131



0, 33, 27

Inverse Universe

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



191, 178, 194



248, 227, 252



194, 178, 189



95, 87, 97



131, 0, 161



27, 0, 33

Previews

White Background



This preview shows how the RYB color 178, 194, 191 looks on a white background.

Color Contrast Check

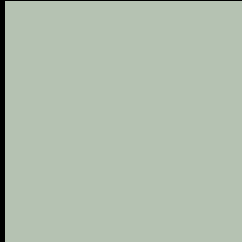
Large Text (above 18pt) WCAG AA × Fail

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, 194, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

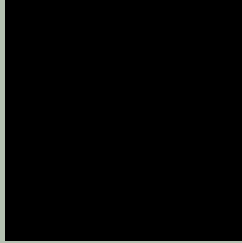
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

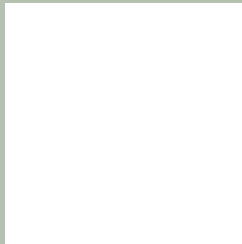
Any Text WCAG AAA ✓ Pass

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

RYB 178, 194, 191 Background



This preview shows how black text looks on a background with the RYB color 178, 194, 191.



This preview shows how white text looks on a background with the RYB color 178, 194, 191.

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](#).

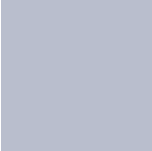
Dichromacy



Original Color
178, 194, 191

Protanopia
188, 197, 175

Deuteranopia
212, 185, 180



Tritanopia
185, 189, 205

Trichromacy



Original Color

178, 194, 191

Protanomaly

176, 191, 176

Deuteranomaly

201, 194, 179

Tritanomaly

184, 188, 195

Monochromacy



Original Color

178, 194, 191

Achromatopsia

188, 188, 188

Achromatomaly

184, 190, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 194, 191 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, 194, 178)` looks like.

```
.text, #text, p{  
    color:rgb(181, 194, 178)  
}
```

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, 194, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 194, 178) }
```

Border

The CSS property to change the border of an element to RYB 178, 194, 191 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, 194, 178) }
```

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

```
.border{ border-color:rgb(181, 194, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 194, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 194, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 194, 178); box-shadow:4px 4px 4px 4px rgb(181, 194, 178) }
```

Background

The CSS property to change the background color of an element to RYB 178, 194, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 194, 178) }
```

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

```
.background{ background-color: rgb(181,  
194, 178) }
```

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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