

Converting Colors

`RYB(178, 194, 197)`

Have a look what the booklet for RYB(178, 194, 197) contains.

RYB(178, 194, 197)	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

R_YB(178, 194, 197)

Conversions

Conversions Part 1

Format	Color
Hex	B2C5B6
RGB	178, 197, 182
RGB Percent	70%, 77%, 71%
CMY	0.3020, 0.2275, 0.2880
CMYK	0.10, 0.00, 0.08, 0.23
HSL	131°, 14%, 74%
HSV	131°, 10%, 77%
XYZ	46.7247, 52.7568, 51.7397
YIQ	189.6090, -6.5090, -8.6930

Conversions

Conversions Part 2

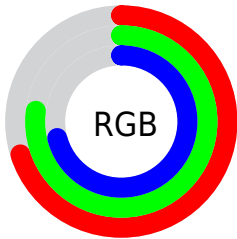
Format	Color
RYB	178, 194, 197
Decimal	11716022
CIELab	77.73, -9.40, 5.54
CIELCh	78, 10.909, 149.503
Yxy	52.7568, 0.3090, 0.3489
Android (android.graphics.Color)	4289906102 (0xFFB2C5B6)
YUV	189.6090, -3.7512, -10.1811
Hunter-Lab	72.6339, -12.2820, 8.6093

Details

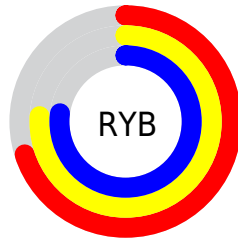
The RYB color **178, 194, 197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **197, 178, 193**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **234, 251, 254**, and **125, 140, 143** is the 20% darker color. If you saturate the color by 10%, you get **158, 190, 197**, and if you desaturate by 10%, it is **198, 197, 198**.

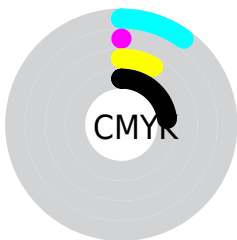
Distribution



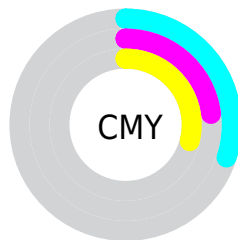
- Red (70%)
- Green (77%)
- Blue (71%)



- Red (70%)
- Yellow (76%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (30%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 194, 197 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, 197 by changing the saturation by 10% instead.

 178, 194, 197


255, 255, 255

 234, 251, 254

 178, 194, 197

 151, 167, 170

 125, 140, 143

 100, 115, 118

 76, 90, 93

 53, 66, 69

 32, 45, 47

 10, 23, 26


 0, 0, 0

 178, 194, 197

 178, 194, 197

 158, 190, 197

 198, 197, 198

 139, 188, 197


 217, 197, 214

 119, 184, 197


 237, 197, 230


 99, 181, 197


 255, 197, 246

 79, 178, 197

 255, 197, 255

 60, 175, 197

 40, 172, 197

 20, 168, 197

 1, 166, 197

Harmonies

Analogous

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



174, 195, 180



178, 194, 197



170, 186, 198

Triad

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



178, 194, 197



181, 190, 212



214, 186, 183

Complementary

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



178, 194, 197



197, 178, 193

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.



213, 185, 193



178, 194, 197



194, 190, 210

Square

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



178, 194, 197



171, 186, 209



205, 187, 203



210, 196, 175

Rectangle

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



178, 194, 197



167, 183, 198



205, 187, 203



214, 185, 186

Sweetspot

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



178, 194, 197



247, 253, 255



178, 197, 181



122, 127, 128



0, 0, 0



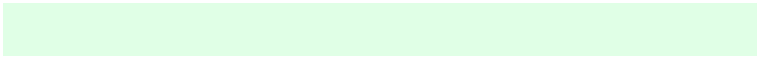
128, 128, 128

Same Dimension

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



178, 194, 197



224, 250, 255



178, 189, 197



90, 98, 99



0, 137, 163



0, 30, 36

Inverse Universe

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



197, 178, 193



255, 224, 249



197, 178, 184



99, 90, 98



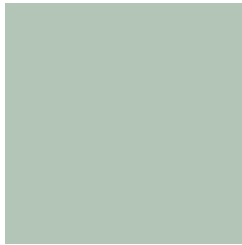
163, 0, 133



36, 0, 29

Previews

White Background



This preview shows how the RYB color 178, 194, 197 looks on a white background.

Color Contrast Check

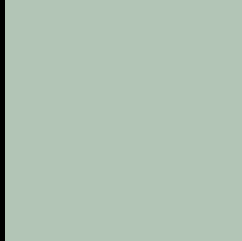
Large Text (above 18pt) WCAG AA × Fail

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, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

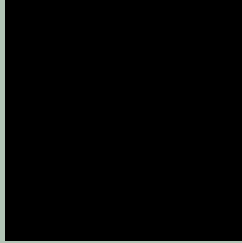
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

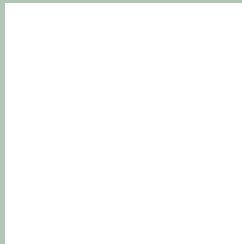
Any Text WCAG AAA ✓ Pass

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

RYB 178, 194, 197 Background



This preview shows how black text looks on a background with the RYB color 178, 194, 197.



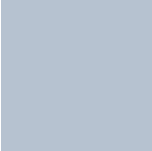
This preview shows how white text looks on a background with the RYB color 178, 194, 197.

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
182, 190, 208

Trichromacy



Original Color

178, 194, 197

Protanomaly

179, 193, 181

Deuteranomaly

200, 192, 183

Tritanomaly

181, 188, 198

Monochromacy



Original Color

178, 194, 197

Achromatopsia

190, 190, 190

Achromatomaly

186, 192, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 194, 197 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, 197, 182) looks like.

```
.text, #text, p{  
    color:rgb(178, 197, 182)  
}
```

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, 197, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 197, 182) }
```

Border

The CSS property to change the border of an element to RYB 178, 194, 197 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, 197, 182) }
```

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

```
.border{ border-color:rgb(178, 197, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 197, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 197, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 197, 182);  
box-shadow:4px 4px 4px 4px rgb(178, 197,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 178, 194, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 197, 182) }
```

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

```
.background{ background-color: rgb(178,  
197, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor