

Converting Colors

RGB(180, 203, 197)

Have a look what the booklet for
RGB(180, 203, 197) contains.

RGB(180, 203, 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

RGB(180, 203, 197)

Conversions

Conversions Part 1

Format	Color
Hex	B4CBC5
RGB	180, 203, 197
RGB Percent	71%, 80%, 77%
CMY	0.2941, 0.2039, 0.2275
CMYK	0.11, 0.00, 0.03, 0.20
HSL	164°, 18%, 75%
HSV	164°, 11%, 80%
XYZ	50.2564, 56.4464, 61.0698
YIQ	195.4390, -11.7820, -6.7420

Conversions

Conversions Part 2

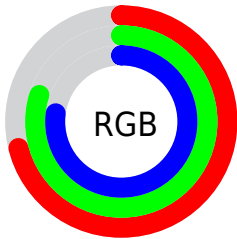
Format	Color
R _Y B	180, 193, 203
Decimal	11848645
CIE Lab	79.87, -8.90, 0.35
CIE LCh	80, 8.912, 177.743
Yxy	56.4464, 0.2996, 0.3364
Android (android.graphics.Color)	4290038725 (0xFFB4CBC5)
YUV	195.4390, 0.7696, -13.5400
Hunter-Lab	75.1308, -12.0770, 4.3979




Details

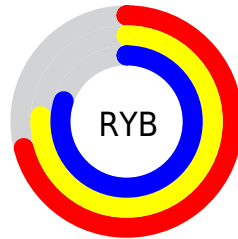
The RGB color **180, 203, 197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203, 180, 186**, and the grayscale version is **195, 195, 195**.




A 20% lighter version of the original color is **236, 255, 254**, and **127, 149, 143** is the 20% darker color. If you saturate the color by 10%, you get **160, 203, 192**, and if you desaturate by 10%, it is **200, 203, 202**.

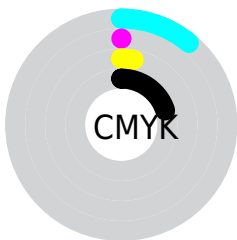
Distribution







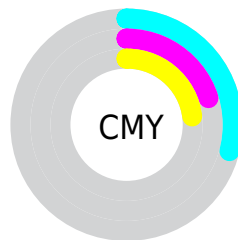
-  Red (71%)
-  Green (80%)
-  Blue (77%)






-  Red (71%)
-  Yellow (76%)
-  Blue (80%)



-  Cyan (11%)
-  Magenta (0%)
-  Yellow (3%)
-  Black (20%)



-  Cyan (29%)
-  Magenta (20%)
-  Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 203, 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 RGB color 180, 203, 197 by changing the saturation by 10% instead.

 180, 203, 197


255, 255, 255

 236, 255, 254

 180, 203, 197


 153, 176, 170

 127, 149, 143

 102, 123, 118

 78, 98, 93

 55, 74, 70

 33, 52, 47

 12, 30, 27

 0, 0, 0


 180, 203, 197

 180, 203, 197

 160, 203, 192

 200, 203, 202

 139, 203, 186

 221, 203, 208

 119, 203, 181

 241, 203, 213

 99, 203, 176

 255, 203, 218

 79, 203, 171

 255, 203, 223

 58, 203, 165

 255, 203, 229

 38, 203, 160

 255, 203, 234

 18, 203, 155

 255, 203, 239

 0, 203, 150

 255, 203, 245

Harmonies

Analogous

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



187, 202, 189



180, 203, 197



178, 203, 205

Triad

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



180, 203, 197



199, 196, 213



213, 195, 184

Complementary

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



180, 203, 197



203, 180, 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.



216, 193, 191



180, 203, 197



208, 194, 207

Square

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



180, 203, 197



189, 199, 214



215, 193, 199



206, 197, 182

Rectangle

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



180, 203, 197



179, 202, 210



215, 193, 199



215, 194, 186

Sweetspot

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



180, 203, 197



247, 255, 253



186, 203, 180



122, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



180, 203, 197



219, 255, 246



180, 198, 203



92, 102, 99



0, 166, 123



0, 38, 28

Inverse Universe

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



203, 180, 186



255, 219, 229



203, 185, 180



102, 92, 94



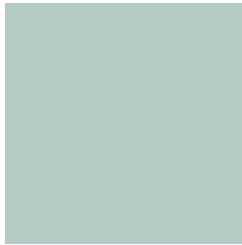
166, 0, 43



38, 0, 10

Previews

White Background



This preview shows how the RGB color 180, 203, 197 looks on a white background.

Color Contrast Check

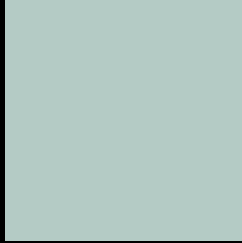
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 180, 203, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

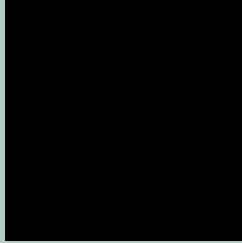
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

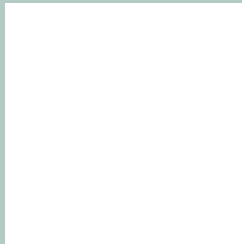
Any Text WCAG AAA ✓ Pass

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

RGB 180, 203, 197 Background



This preview shows how black text looks on a background with the RGB color 180, 203, 197.

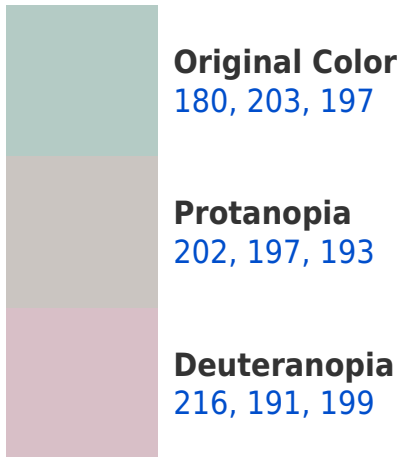


This preview shows how white text looks on a background with the RGB color 180, 203, 197.

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](#).

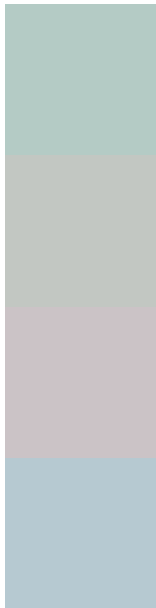
Dichromacy





Tritanopia
183, 200, 216

Trichromacy



Original Color

180, 203, 197

Protanomaly

194, 199, 194

Deuteranomaly

203, 195, 198

Tritanomaly

182, 201, 209

Monochromacy



Original Color

180, 203, 197

Achromatopsia

195, 195, 195

Achromatomaly

190, 198, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 203, 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(180, 203, 197)` looks like.

```
.text, #text, p{  
    color:rgb(180, 203, 197)  
}
```

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(180, 203, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 203, 197) }
```

Border

The CSS property to change the border of an element to RGB 180, 203, 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(180, 203, 197) }
```

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

```
.border{ border-color:rgb(180, 203, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 203, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 203, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 203, 197); box-shadow:4px 4px 4px 4px rgb(180, 203, 197) }
```

Background

The CSS property to change the background color of an element to RGB 180, 203, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 203, 197) }
```

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

```
.background{ background-color: rgb(180,  
203, 197) }
```

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