

# Converting Colors

RGB(180, 211, 198)

Have a look what the booklet for  
RGB(180, 211, 198) contains.

<b>RGB(180, 211, 198)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(180, 211, 198)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4D3C6
RGB	180, 211, 198
RGB Percent	71%, 83%, 78%
CMY	0.2941, 0.1725, 0.2235
CMYK	0.15, 0.00, 0.06, 0.17
HSL	155°, 26%, 77%
HSV	155°, 15%, 83%
XYZ	52.3097, 60.3690, 62.3215
YIQ	200.2490, -14.3030, -10.6150

# Conversions

## Conversions Part 2

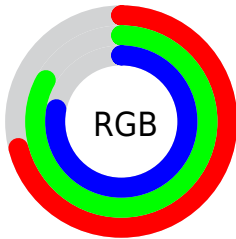
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 200, 211
Decimal	11850694
CIELab	82.04, -12.83, 2.98
CIELCh	82, 13.171, 166.944
Yxy	60.3690, 0.2989, 0.3450
Android (android.graphics.Color)	4290040774 (0xFFB4D3C6)
YUV	200.2490, -1.1088, -17.7584
Hunter-Lab	77.6975, -15.7959, 6.8315

# Details

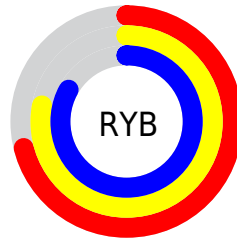
The RGB color **180, 211, 198** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **211, 180, 193**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **236, 255, 255**, and **127, 156, 144** is the 20% darker color. If you saturate the color by 10%, you get **159, 211, 189**, and if you desaturate by 10%, it is **201, 211, 207**.

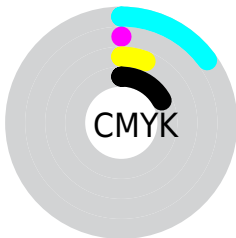
# Distribution



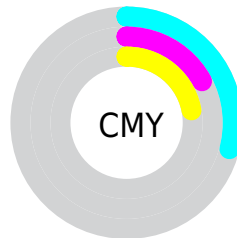
- Red (71%)
- Green (83%)
- Blue (78%)



- Red (71%)
- Yellow (78%)
- Blue (83%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (29%)
- Magenta (17%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 180, 211, 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 RGB color 180, 211, 198 by changing the saturation by 10% instead.




 180, 211, 198


255, 255, 255


 236, 255, 255

 180, 211, 198

 153, 183, 171

 127, 156, 144

 102, 130, 119

 77, 105, 94

 54, 81, 70

 32, 58, 48

 10, 36, 27


 0, 14, 0

 0, 0, 0

 180, 211, 198

 180, 211, 198

 159, 211, 189

 201, 211, 207

 138, 211, 180

 222, 211, 216

 117, 211, 171

 243, 211, 225

 96, 211, 163

 255, 211, 233

 75, 211, 154

 255, 211, 242

 53, 211, 145

 255, 211, 251

 32, 211, 136

 255, 211, 255

 11, 211, 127

 0, 211, 123

# Harmonies

## Analogous

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



192, 209, 187



180, 211, 198



173, 211, 211

# Triad

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



180, 211, 198



200, 203, 227



228, 198, 186

# Complementary

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



180, 211, 198



211, 180, 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.



231, 196, 197



180, 211, 198



215, 199, 221

# Square

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



180, 211, 198



185, 207, 228



226, 196, 210



220, 201, 180

# Rectangle

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



180, 211, 198



173, 211, 218



226, 196, 210



230, 197, 190



# Sweetspot

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



180, 211, 198



245, 255, 251



193, 211, 180



121, 128, 125



0, 0, 0



128, 128, 128

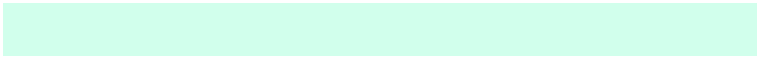


# Same Dimension

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



180, 211, 198



209, 255, 236



180, 209, 211



94, 105, 100



0, 168, 98



0, 41, 24



# Inverse Universe

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



211, 180, 193



255, 209, 228



211, 182, 180



105, 94, 98



168, 0, 71



41, 0, 17



# Previews

## White Background



This preview shows how the RGB color 180, 211, 198 looks on a white background.

## Color Contrast Check

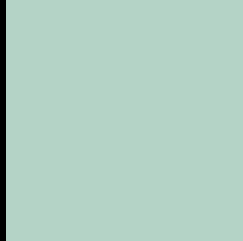
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 180, 211, 198 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

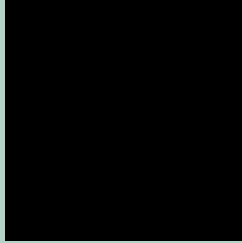
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

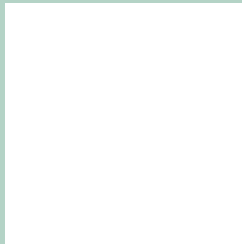
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 180, 211, 198 Background



This preview shows how black text looks on a background with the RGB color 180, 211, 198.

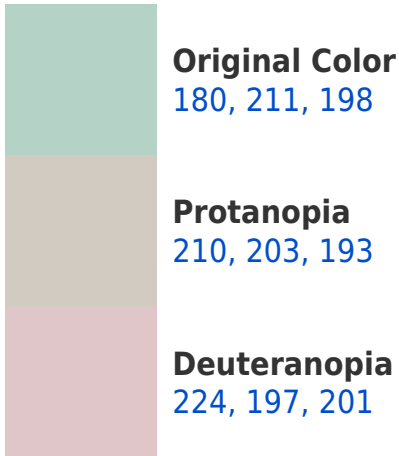


This preview shows how white text looks on a background with the RGB color 180, 211, 198.

# 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**  
185, 207, 224

# Trichromacy



**Original Color**

180, 211, 198

**Protanomaly**

199, 206, 195

**Deuteranomaly**

208, 202, 200

**Tritanomaly**

183, 208, 215

# Monochromacy



**Original Color**

180, 211, 198

**Achromatopsia**

200, 200, 200

**Achromatomaly**

193, 204, 199

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 180, 211, 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(180, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(180, 211, 198)  
}
```

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, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 211, 198) }
```

## Border

The CSS property to change the border of an element to RGB 180, 211, 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(180, 211, 198) }
```

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

```
.border{ border-color:rgb(180, 211, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 211, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(180, 211,  
198) }
```

# Background

The CSS property to change the background color of an element to RGB 180, 211, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 211, 198) }
```

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

```
.background{ background-color: rgb(180,  
211, 198) }
```

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