

Converting Colors

RGB(180, 232, 198)

Have a look what the booklet for
RGB(180, 232, 198) contains.

RGB(180, 232, 198)	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, 232, 198)

Conversions

Conversions Part 1

Format	Color
Hex	B4E8C6
RGB	180, 232, 198
RGB Percent	71%, 91%, 78%
CMY	0.2941, 0.0902, 0.2235
CMYK	0.22, 0.00, 0.15, 0.09
HSL	141°, 53%, 81%
HSV	141°, 22%, 91%
XYZ	57.8720, 71.4937, 64.1756
YIQ	212.5760, -20.0780, -21.5980

Conversions

Conversions Part 2

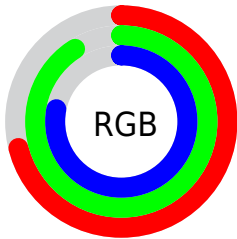
Format	Color
RYB	180, 219, 232
Decimal	11856070
CIELab	87.72, -23.30, 11.15
CIELCh	88, 25.831, 154.433
Yxy	71.4937, 0.2990, 0.3694
Android (android.graphics.Color)	4290046150 (0xFFB4E8C6)
YUV	212.5760, -7.1860, -28.5692
Hunter-Lab	84.5540, -25.7971, 14.1873

Details

The RGB color **180, 232, 198** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **232, 180, 214**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **236, 255, 255**, and **126, 176, 144** is the 20% darker color. If you saturate the color by 10%, you get **157, 232, 183**, and if you desaturate by 10%, it is **203, 232, 213**.

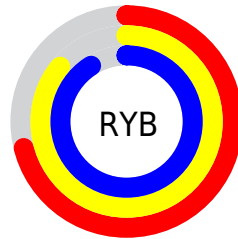
Distribution



Red (71%)

Green (91%)

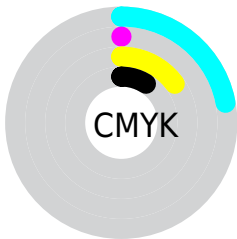
Blue (78%)



Red (71%)

Yellow (86%)

Blue (91%)

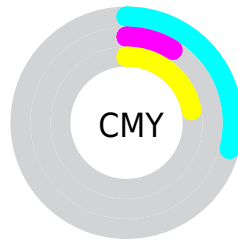


Cyan (22%)

Magenta (0%)

Yellow (15%)

Black (9%)



Cyan (29%)

Magenta (9%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 232, 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, 232, 198 by changing the saturation by 10% instead.

 180, 232, 198


255, 255, 255

 236, 255, 255


 180, 232, 198

 153, 204, 171

 126, 176, 144

 100, 149, 118

 75, 123, 94

 51, 98, 70

 27, 74, 48

 0, 51, 27

 0, 31, 0

 0, 0, 0

 180, 232, 198

 180, 232, 198

 157, 232, 183

 203, 232, 213

 134, 232, 168

 226, 232, 228

 110, 232, 152

 250, 232, 244

 87, 232, 137

 255, 232, 255

 64, 232, 122

 41, 232, 107

 18, 232, 92

 0, 232, 80

Harmonies

Analogous

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



208, 227, 179



180, 232, 198



158, 234, 223

Triad

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



180, 232, 198



196, 221, 255



255, 205, 193

Complementary

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



180, 232, 198



232, 180, 214

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.



255, 202, 217



180, 232, 198



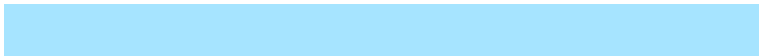
229, 212, 255

Square

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



180, 232, 198



166, 228, 255



255, 205, 242



255, 211, 176

Rectangle

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



180, 232, 198



151, 234, 239



255, 205, 242



255, 203, 201

Sweetspot

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



180, 232, 198



237, 255, 243



215, 232, 180



117, 128, 121



0, 0, 0



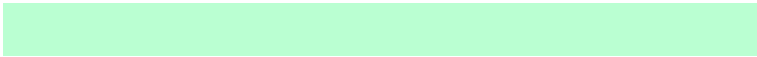
128, 128, 128

Same Dimension

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



180, 232, 198



186, 255, 210



180, 232, 223



103, 115, 107



0, 179, 62



0, 51, 18

Inverse Universe

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



232, 180, 214



255, 186, 231



232, 180, 189



115, 103, 111



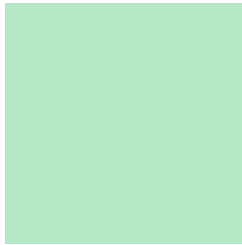
179, 0, 117



51, 0, 33

Previews

White Background



This preview shows how the RGB color 180, 232, 198 looks on a white background.

Color Contrast Check

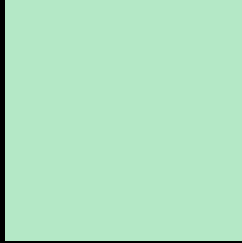
Large Text (above 18pt) WCAG AA × Fail

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, 232, 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, 232, 198 Background



This preview shows how black text looks on a background with the RGB color 180, 232, 198.



This preview shows how white text looks on a background with the RGB color 180, 232, 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





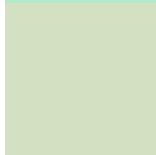
Tritanopia
188, 226, 244

Trichromacy



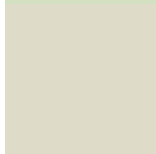
Original Color

180, 232, 198



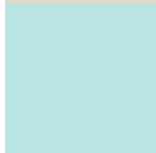
Protanomaly

212, 224, 194



Deuteranomaly

223, 219, 201



Tritanomaly

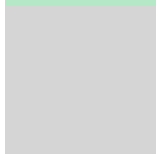
185, 228, 227

Monochromacy



Original Color

180, 232, 198



Achromatopsia

213, 213, 213



Achromatomaly

201, 220, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 232, 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, 232, 198)` looks like.

```
.text, #text, p{  
    color:rgb(180, 232, 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, 232, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 232, 198) }
```

Border

The CSS property to change the border of an element to RGB 180, 232, 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, 232, 198) }
```

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

```
.border{ border-color:rgb(180, 232, 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, 232, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 232, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 232, 198); box-shadow:4px 4px 4px 4px rgb(180, 232, 198) }
```

Background

The CSS property to change the background color of an element to RGB 180, 232, 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, 232, 198) }
```

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

```
.background{ background-color: rgb(180,  
232, 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