

Converting Colors

RGB(180, 229, 197)

Have a look what the booklet for
RGB(180, 229, 197) contains.

RGB(180, 229, 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, 229, 197)

Conversions

Conversions Part 1

Format	Color
Hex	B4E5C5
RGB	180, 229, 197
RGB Percent	71%, 90%, 77%
CMY	0.2941, 0.1020, 0.2275
CMYK	0.21, 0.00, 0.14, 0.10
HSL	141°, 49%, 80%
HSV	141°, 21%, 90%
XYZ	56.9197, 69.7731, 63.2909
YIQ	210.7010, -18.9320, -20.3400

Conversions

Conversions Part 2

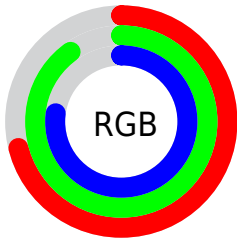
Format	Color
RYB	180, 216, 229
Decimal	11855301
CIELab	86.89, -22.02, 10.48
CIElCh	87, 24.388, 154.561
Yxy	69.7731, 0.2996, 0.3673
Android (android.graphics.Color)	4290045381 (0xFFB4E5C5)
YUV	210.7010, -6.7546, -26.9248
Hunter-Lab	83.5303, -24.5435, 13.5472

Details

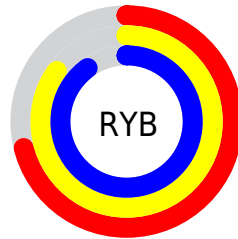
The RGB color **180, 229, 197** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **229, 180, 212**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **236, 255, 254**, and **126, 173, 143** is the 20% darker color. If you saturate the color by 10%, you get **157, 229, 182**, and if you desaturate by 10%, it is **203, 229, 212**.

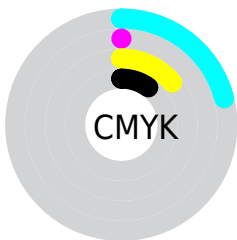
Distribution



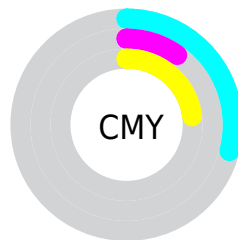
- Red (71%)
- Green (90%)
- Blue (77%)



- Red (71%)
- Yellow (85%)
- Blue (90%)



- Cyan (21%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (29%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 229, 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, 229, 197 by changing the saturation by 10% instead.

 180, 229, 197


255, 255, 255

 236, 255, 254

 180, 229, 197


 153, 201, 170

 126, 173, 143


 101, 147, 118

 76, 121, 93

 52, 96, 69

 28, 72, 47

 2, 49, 26

 0, 29, 0

 0, 0, 0

 180, 229, 197

 180, 229, 197

 157, 229, 182

 203, 229, 212

 134, 229, 167

 226, 229, 227

 111, 229, 152

 249, 229, 242

 88, 229, 137

 255, 229, 255

 66, 229, 122

 43, 229, 107

 20, 229, 92

 0, 229, 79

Harmonies

Analogous

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



206, 224, 179



180, 229, 197



160, 231, 220

Triad

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



180, 229, 197



195, 218, 255



255, 203, 192

Complementary

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



180, 229, 197



229, 180, 212

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, 201, 215



180, 229, 197



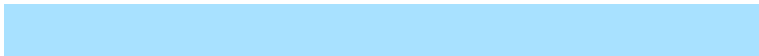
226, 210, 255

Square

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



180, 229, 197



168, 225, 255



251, 204, 238



253, 209, 176

Rectangle

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



180, 229, 197



154, 230, 236



251, 204, 238



255, 202, 199

Sweetspot

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



180, 229, 197



240, 255, 245



213, 229, 180



119, 128, 122



0, 0, 0



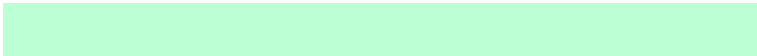
128, 128, 128

Same Dimension

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



180, 229, 197



189, 255, 212



180, 229, 221



103, 115, 107



0, 179, 62



0, 51, 18

Inverse Universe

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



229, 180, 212



255, 189, 232



229, 180, 188



115, 103, 111



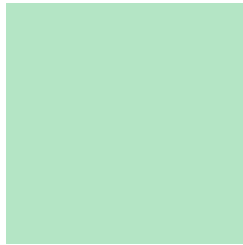
179, 0, 117



51, 0, 33

Previews

White Background



This preview shows how the RGB color 180, 229, 197 looks on a white background.

Color Contrast Check

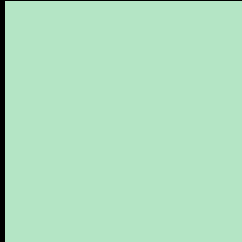
Large Text (above 18pt) WCAG AA × Fail

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, 229, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

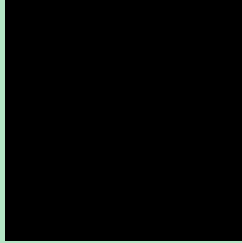
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

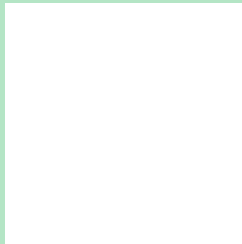
Any Text WCAG AAA ✓ Pass

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

RGB 180, 229, 197 Background



This preview shows how black text looks on a background with the RGB color 180, 229, 197.

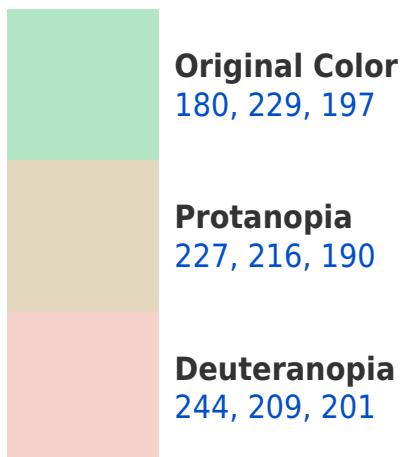


This preview shows how white text looks on a background with the RGB color 180, 229, 197.

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





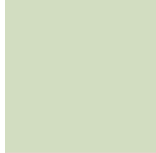
Tritanopia
188, 223, 241

Trichromacy



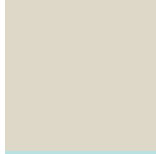
Original Color

180, 229, 197



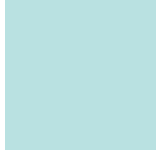
Protanomaly

210, 221, 193



Deuteranomaly

221, 216, 200



Tritanomaly

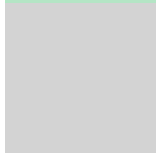
185, 225, 225

Monochromacy



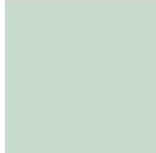
Original Color

180, 229, 197



Achromatopsia

211, 211, 211



Achromatomaly

200, 218, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 229, 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, 229, 197)` looks like.

```
.text, #text, p{  
    color:rgb(180, 229, 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, 229, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 229, 197) }
```

Border

The CSS property to change the border of an element to RGB 180, 229, 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, 229, 197) }
```

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

```
.border{ border-color:rgb(180, 229, 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, 229, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 229, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 229, 197);  
box-shadow:4px 4px 4px 4px rgb(180, 229,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 180, 229, 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, 229, 197) }
```

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

```
.background{ background-color: rgb(180,  
229, 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