

Converting Colors

RGB(171, 233, 198)

Have a look what the booklet for
RGB(171, 233, 198) contains.

RGB(171, 233, 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(171, 233, 198)

Conversions

Conversions Part 1

Format	Color
Hex	ABE9C6
RGB	171, 233, 198
RGB Percent	67%, 91%, 78%
CMY	0.3294, 0.0863, 0.2235
CMYK	0.27, 0.00, 0.15, 0.09
HSL	146°, 58%, 79%
HSV	146°, 27%, 91%
XYZ	56.1265, 71.0130, 64.1748
YIQ	210.4720, -25.7170, -24.0290

Conversions

Conversions Part 2

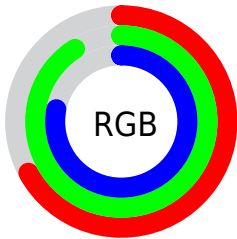
Format	Color
RYB	171, 214, 233
Decimal	11266502
CIELab	87.49, -26.60, 10.75
CIELCh	87, 28.690, 158.001
Yxy	71.0130, 0.2934, 0.3712
Android (android.graphics.Color)	4289456582 (0xFFABE9C6)
YUV	210.4720, -6.1487, -34.6169
Hunter-Lab	84.2692, -28.5832, 13.8364

Details

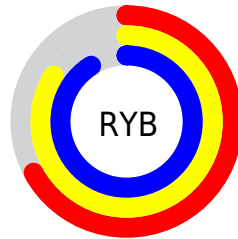
The RGB color **171, 233, 198** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **233, 171, 206**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **227, 255, 255**, and **117, 177, 144** is the 20% darker color. If you saturate the color by 10%, you get **148, 233, 185**, and if you desaturate by 10%, it is **194, 233, 211**.

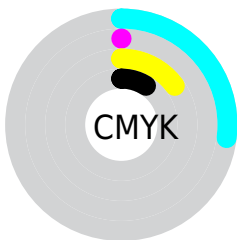
Distribution



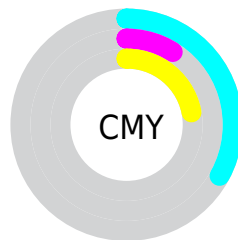
- Red (67%)
- Green (91%)
- Blue (78%)



- Red (67%)
- Yellow (84%)
- Blue (91%)



- Cyan (27%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)



- Cyan (33%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 233, 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 171, 233, 198 by changing the saturation by 10% instead.


 171, 233, 198


255, 255, 255

 227, 255, 255

 171, 233, 198

 144, 205, 171

 117, 177, 144

 91, 150, 118

 66, 124, 94

 40, 99, 70

 12, 75, 48

 0, 51, 27

 0, 32, 0

 0, 0, 0

 171, 233, 198


 171, 233, 198


 148, 233, 185

 194, 233, 211

 124, 233, 172

 218, 233, 224

 101, 233, 159

 241, 233, 237

 78, 233, 145

 255, 233, 251

 54, 233, 132

 255, 233, 255

 31, 233, 119

 8, 233, 106

 0, 233, 101

Harmonies

Analogous

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



202, 228, 176



171, 233, 198



147, 235, 226

Triad

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



171, 233, 198



196, 219, 255



255, 203, 187

Complementary

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



171, 233, 198



233, 171, 206

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, 200, 213



171, 233, 198



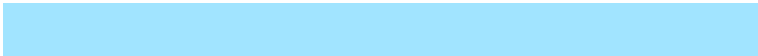
233, 210, 255

Square

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



171, 233, 198



161, 228, 255



255, 202, 240



255, 211, 169

Rectangle

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



171, 233, 198



140, 234, 244



255, 202, 240



255, 201, 195

Sweetspot

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



171, 233, 198



235, 255, 243



206, 233, 171



115, 128, 120



0, 0, 0



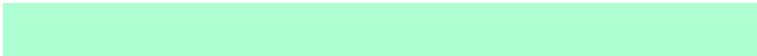
128, 128, 128

Same Dimension

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



171, 233, 198



173, 255, 209



171, 233, 229



106, 117, 111



0, 181, 79



0, 54, 23

Inverse Universe

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



233, 171, 206



255, 173, 219



233, 171, 175



117, 106, 112



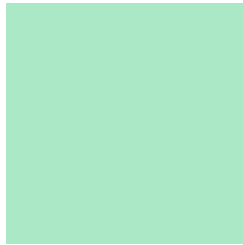
181, 0, 102



54, 0, 30

Previews

White Background



This preview shows how the RGB color 171, 233, 198 looks on a white background.

Color Contrast Check

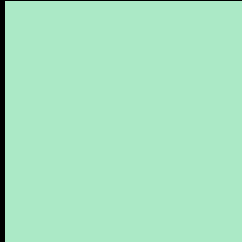
Large Text (above 18pt) WCAG AA × Fail

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 171, 233, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

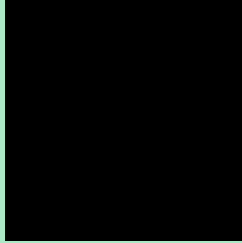
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

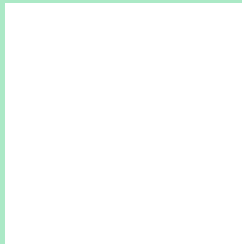
Any Text WCAG AAA ✓ Pass

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

RGB 171, 233, 198 Background



This preview shows how black text looks on a background with the RGB color 171, 233, 198.

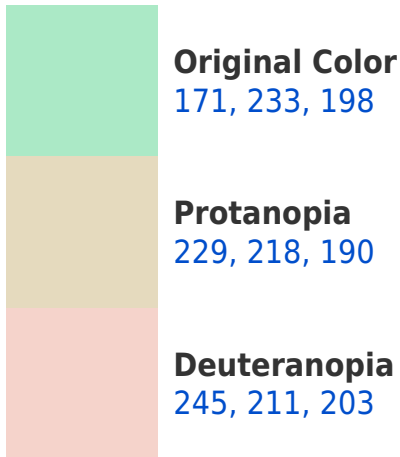


This preview shows how white text looks on a background with the RGB color 171, 233, 198.

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





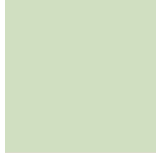
Tritanopia
180, 226, 245

Trichromacy



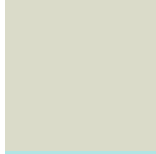
Original Color

171, 233, 198



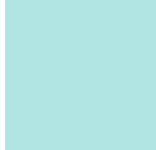
Protanomaly

208, 223, 193



Deuteranomaly

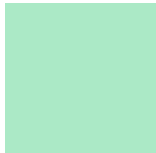
218, 219, 201



Tritanomaly

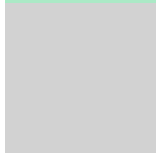
177, 229, 228

Monochromacy



Original Color

171, 233, 198



Achromatopsia

210, 210, 210



Achromatomaly

196, 218, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 233, 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(171, 233, 198)` looks like.

```
.text, #text, p{  
    color:rgb(171, 233, 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(171, 233, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 233, 198) }
```

Border

The CSS property to change the border of an element to RGB 171, 233, 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(171, 233, 198) }
```

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

```
.border{ border-color:rgb(171, 233, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 233, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 233, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 233, 198);  
box-shadow:4px 4px 4px 4px rgb(171, 233,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 171, 233, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 233, 198) }
```

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

```
.background{ background-color: rgb(171,  
233, 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