

# Converting Colors

RGB(177, 233, 212)

Have a look what the booklet for  
RGB(177, 233, 212) contains.

<b>RGB(177, 233, 212)</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(177, 233, 212)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1E9D4
RGB	177, 233, 212
RGB Percent	69%, 91%, 83%
CMY	0.3059, 0.0863, 0.1686
CMYK	0.24, 0.00, 0.09, 0.09
HSL	158°, 56%, 80%
HSV	158°, 24%, 91%
XYZ	59.1540, 72.3784, 73.1400
YIQ	213.8620, -26.6350, -18.4030

# Conversions

## Conversions Part 2

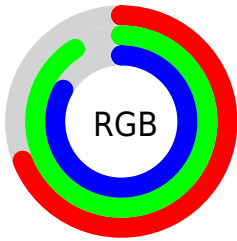
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 211, 233
Decimal	11659732
CIELab	88.15, -22.03, 4.41
CIELCh	88, 22.469, 168.675
Yxy	72.3784, 0.2890, 0.3536
Android (android.graphics.Color)	4289849812 (0xFFB1E9D4)
YUV	213.8620, -0.9180, -32.3280
Hunter-Lab	85.0755, -24.7689, 8.5808

# Details

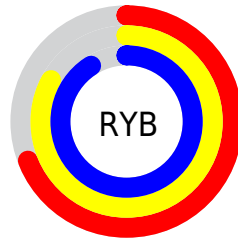
The RGB color **177, 233, 212** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **233, 177, 198**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **234, 255, 255**, and **123, 177, 157** is the 20% darker color. If you saturate the color by 10%, you get **154, 233, 203**, and if you desaturate by 10%, it is **200, 233, 221**.

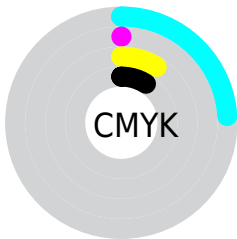
# Distribution



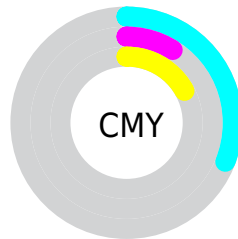
- Red (69%)
- Green (91%)
- Blue (83%)



- Red (69%)
- Yellow (83%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 177, 233, 212 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 177, 233, 212 by changing the saturation by 10% instead.



 177, 233, 212


255, 255, 255


 234, 255, 255

 177, 233, 212


 150, 205, 184

 123, 177, 157


 97, 150, 131

 72, 124, 106

 47, 99, 82

 21, 75, 59

 0, 52, 37

 0, 32, 17

 0, 0, 0

 177, 233, 212

 177, 233, 212

 154, 233, 203

 200, 233, 221

 130, 233, 195

 224, 233, 229

 107, 233, 186

 247, 233, 238

 84, 233, 177

 255, 233, 247

 61, 233, 168

 255, 233, 255

 37, 233, 160

 14, 233, 151

 0, 233, 146

# Harmonies

## Analogous

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



199, 230, 192



177, 233, 212



164, 233, 234

# Triad

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



177, 233, 212



214, 218, 255



255, 210, 190

# Complementary

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



177, 233, 212



233, 177, 198

# 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, 207, 208



177, 233, 212



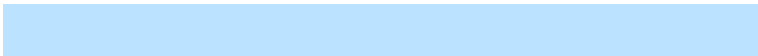
241, 211, 250

# Square

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



177, 233, 212



187, 226, 255



255, 207, 230



246, 217, 180

# Rectangle

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



177, 233, 212



164, 232, 247



255, 207, 230



255, 209, 195



# Sweetspot

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



177, 233, 212



237, 255, 248



198, 233, 177



117, 128, 124



0, 0, 0



128, 128, 128

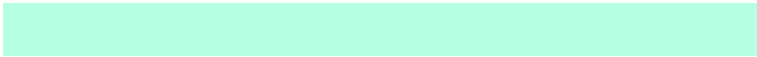


# Same Dimension

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



177, 233, 212



181, 255, 227



177, 226, 233



106, 117, 113



0, 181, 113



0, 54, 33



# Inverse Universe

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



233, 177, 198



255, 181, 209



233, 184, 177



117, 106, 110



181, 0, 68

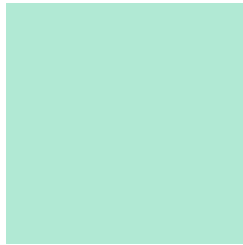


54, 0, 20



# Previews

## White Background



This preview shows how the RGB color 177, 233, 212 looks on a white background.

## Color Contrast Check

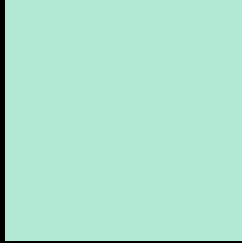
Large Text (above 18pt) WCAG AA × Fail

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 177, 233, 212 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

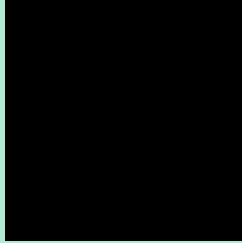
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

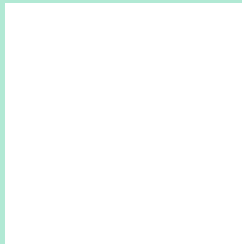
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 177, 233, 212 Background



This preview shows how black text looks on a background with the RGB color 177, 233, 212.



This preview shows how white text looks on a background with the RGB color 177, 233, 212.

# 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





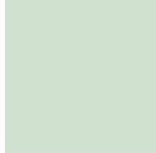
**Tritanopia**  
184, 228, 246

# Trichromacy



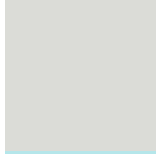
**Original Color**

177, 233, 212



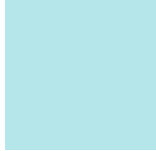
**Protanomaly**

209, 225, 208



**Deuteranomaly**

219, 220, 215



**Tritanomaly**

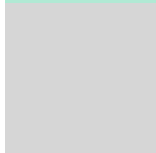
181, 230, 234

# Monochromacy



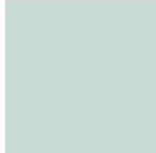
**Original Color**

177, 233, 212



**Achromatopsia**

214, 214, 214



**Achromatomaly**

201, 221, 213

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 177, 233, 212 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(177, 233, 212)` looks like.

```
.text, #text, p{  
    color:rgb(177, 233, 212)  
}
```

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(177, 233, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 233, 212) }
```

## Border

The CSS property to change the border of an element to RGB 177, 233, 212 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(177, 233, 212) }
```

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

```
.border{ border-color:rgb(177, 233, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 233, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 233, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 233, 212);  
box-shadow:4px 4px 4px 4px rgb(177, 233,  
212) }
```

# Background

The CSS property to change the background color of an element to RGB 177, 233, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 233, 212) }
```

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

```
.background{ background-color: rgb(177,  
233, 212) }
```

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