

Converting Colors

RGB(176, 235, 202)

Have a look what the booklet for
RGB(176, 235, 202) contains.

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Color

RGB(176, 235, 202)

Conversions

Conversions Part 1

Format	Color
Hex	B0EBCA
RGB	176, 235, 202
RGB Percent	69%, 92%, 79%
CMY	0.3098, 0.0784, 0.2078
CMYK	0.25, 0.00, 0.14, 0.08
HSL	146°, 60%, 81%
HSV	146°, 25%, 92%
XYZ	58.2735, 72.9110, 66.8790
YIQ	213.5970, -24.5710, -22.7710

Conversions

Conversions Part 2

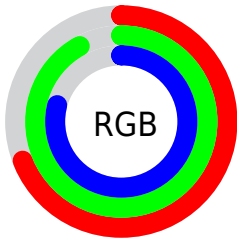
Format	Color
RYB	176, 217, 235
Decimal	11594698
CIELab	88.41, -25.26, 10.00
CIElCh	88, 27.166, 158.402
Yxy	72.9110, 0.2942, 0.3681
Android (android.graphics.Color)	4289784778 (0xFFB0EBCA)
YUV	213.5970, -5.7173, -32.9726
Hunter-Lab	85.3880, -27.6106, 13.3334

Details

The RGB color **176, 235, 202** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **235, 176, 209**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **232, 255, 255**, and **122, 179, 148** is the 20% darker color. If you saturate the color by 10%, you get **153, 235, 189**, and if you desaturate by 10%, it is **200, 235, 215**.

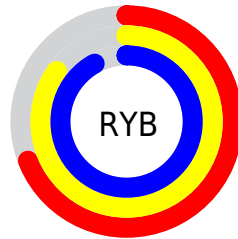
Distribution



Red (69%)

Green (92%)

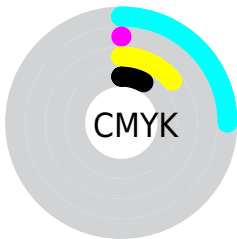
Blue (79%)



Red (69%)

Yellow (85%)

Blue (92%)

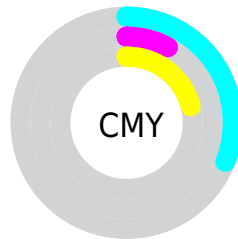


Cyan (25%)

Magenta (0%)

Yellow (14%)

Black (8%)



Cyan (31%)

Magenta (8%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 235, 202 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 176, 235, 202 by changing the saturation by 10% instead.


 176, 235, 202


 176, 235, 202

255, 255, 255

 149, 207, 175


 232, 255, 255

 122, 179, 148

 96, 152, 122

 71, 126, 97

 46, 101, 73

 20, 76, 51

 0, 53, 30

 0, 33, 5

 0, 0, 0

■ 176, 235, 202

■ 176, 235, 202

■ 153, 235, 189

■ 200, 235, 215

■ 129, 235, 176

■ 223, 235, 228

■ 106, 235, 163

■ 247, 235, 241

■ 82, 235, 149

■ 255, 235, 255

■ 58, 235, 136

■ 255, 235, 255

■ 35, 235, 123

■ 12, 235, 110

■ 0, 235, 104

Harmonies

Analogous

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



205, 230, 181



176, 235, 202



154, 237, 228

Triad

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



176, 235, 202



201, 222, 255



255, 207, 191

Complementary

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



176, 235, 202



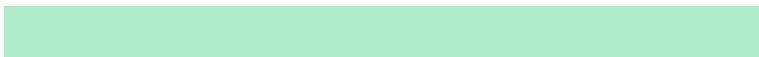
235, 176, 209

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, 203, 215



176, 235, 202



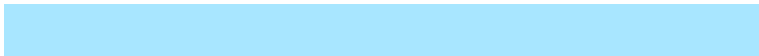
235, 213, 255

Square

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



176, 235, 202



168, 230, 255



255, 206, 241



255, 214, 174

Rectangle

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



176, 235, 202



149, 236, 245



255, 206, 241



255, 205, 198

Sweetspot

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



176, 235, 202



235, 255, 244



209, 235, 176



115, 128, 120



0, 0, 0



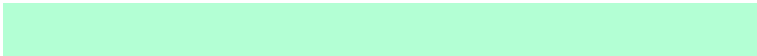
128, 128, 128

Same Dimension

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



176, 235, 202



179, 255, 212



176, 235, 231



106, 117, 111



0, 181, 80



0, 54, 24

Inverse Universe

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



235, 176, 209



255, 179, 221



235, 176, 180



117, 106, 112



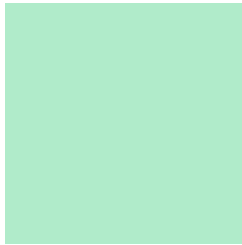
181, 0, 101



54, 0, 30

Previews

White Background



This preview shows how the RGB color 176, 235, 202 looks on a white background.

Color Contrast Check

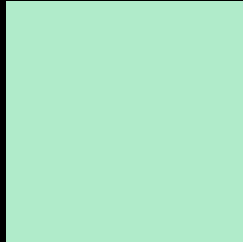
Large Text (above 18pt) WCAG AA × Fail

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 176, 235, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

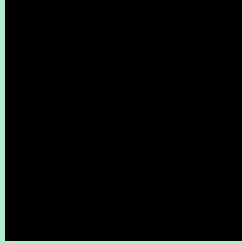
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

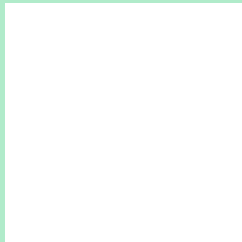
Any Text WCAG AAA ✓ Pass

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

RGB 176, 235, 202 Background



This preview shows how black text looks on a background with the RGB color 176, 235, 202.



This preview shows how white text looks on a background with the RGB color 176, 235, 202.

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





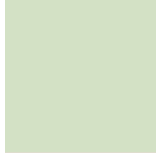
Tritanopia
185, 229, 247

Trichromacy



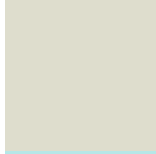
Original Color

176, 235, 202



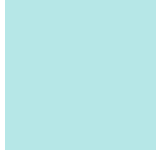
Protanomaly

211, 225, 197



Deuteranomaly

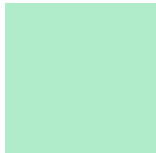
222, 221, 205



Tritanomaly

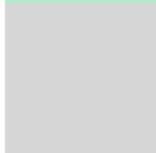
182, 231, 231

Monochromacy



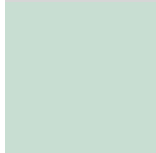
Original Color

176, 235, 202



Achromatopsia

214, 214, 214



Achromatomaly

200, 222, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 235, 202 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(176, 235, 202)` looks like.

```
.text, #text, p{  
    color:rgb(176, 235, 202)  
}
```

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(176, 235, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 235, 202) }
```

Border

The CSS property to change the border of an element to RGB 176, 235, 202 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(176, 235, 202) }
```

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

```
.border{ border-color:rgb(176, 235, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 235, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 235, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 235, 202); box-shadow:4px 4px 4px 4px rgb(176, 235, 202) }
```

Background

The CSS property to change the background color of an element to RGB 176, 235, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 235, 202) }
```

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

```
.background{ background-color: rgb(176,  
235, 202) }
```

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](#).

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