

Converting Colors

RGB(176, 254, 193)

Have a look what the booklet for
RGB(176, 254, 193) contains.

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Color

RGB(176, 254, 193)

Conversions

Conversions Part 1

Format	Color
Hex	B0FEC1
RGB	176, 254, 193
RGB Percent	69%, 100%, 76%
CMY	0.3098, 0.0039, 0.2431
CMYK	0.31, 0.00, 0.24, 0.00
HSL	133°, 98%, 84%
HSV	133°, 31%, 100%
XYZ	62.9719, 83.9640, 63.3398
YIQ	223.7240, -26.9070, -35.5070

Conversions

Conversions Part 2

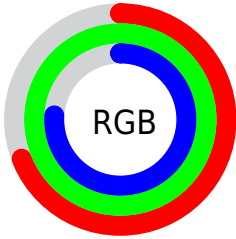
Format	Color
RYB	176, 240, 254
Decimal	11599553
CIELab	93.43, -35.82, 21.72
CIELCh	93, 41.890, 148.760
Yxy	83.9640, 0.2995, 0.3993
Android (android.graphics.Color)	4289789633 (0xFFB0FEC1)
YUV	223.7240, -15.1469, -41.8539
Hunter-Lab	91.6319, -37.6856, 23.1586

Details

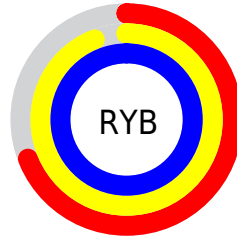
The RGB color **176, 254, 193** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **254, 176, 237**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **233, 255, 250**, and **121, 197, 139** is the 20% darker color. If you saturate the color by 10%, you get **151, 254, 173**, and if you desaturate by 10%, it is **201, 254, 213**.

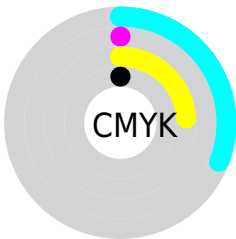
Distribution



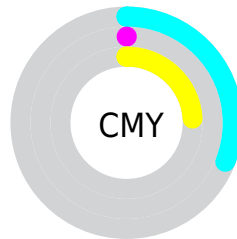
- Red (69%)
- Green (100%)
- Blue (76%)



- Red (69%)
- Yellow (94%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 254, 193 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, 254, 193 by changing the saturation by 10% instead.


 176, 254, 193


255, 255, 255

 233, 255, 250

 176, 254, 193

 148, 225, 166


 121, 197, 139

 94, 169, 114


 68, 143, 89

 40, 117, 65

 3, 91, 42

 0, 67, 21

 0, 44, 0

 0, 20, 0

■ 176, 254, 193

■ 176, 254, 193

■ 151, 254, 173

■ 201, 254, 213

■ 125, 254, 153

■ 227, 254, 233

■ 100, 254, 133

■ 252, 254, 253

■ 74, 254, 114

255, 254, 255

■ 49, 254, 94

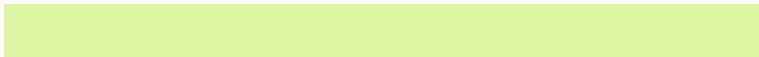
■ 24, 254, 74

■ 0, 254, 55

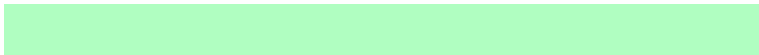
Harmonies

Analogous

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



223, 245, 164



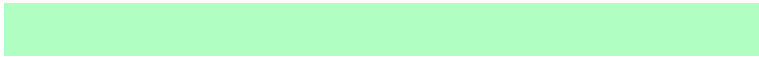
176, 254, 193



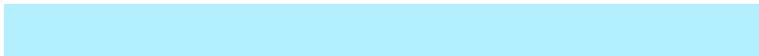
128, 255, 233

Triad

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



176, 254, 193



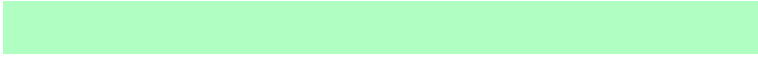
179, 240, 255



255, 208, 199

Complementary

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



176, 254, 193



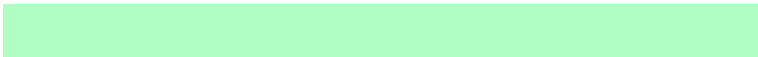
254, 176, 237

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, 206, 239



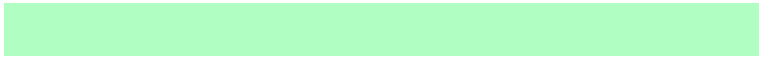
176, 254, 193



239, 226, 255

Square

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



176, 254, 193



120, 251, 255



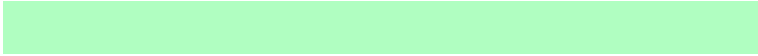
255, 213, 255



255, 219, 168

Rectangle

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



176, 254, 193



103, 255, 255



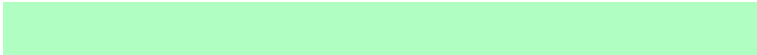
255, 213, 255



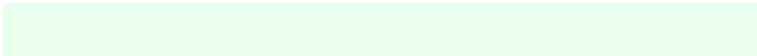
255, 206, 212

Sweetspot

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



176, 254, 193



232, 255, 237



237, 254, 176



113, 128, 117



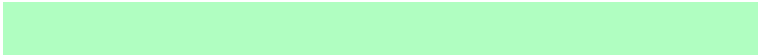
0, 0, 0



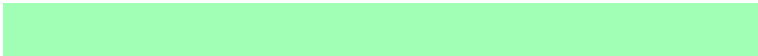
128, 128, 128

Same Dimension

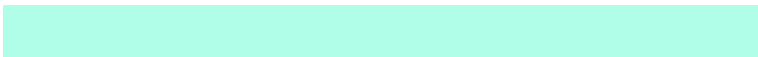
The Same Dimension uses a secret algorithm to generate beautiful new colors.



176, 254, 193



161, 255, 181



176, 254, 232



115, 128, 118



0, 191, 42



0, 64, 14

Inverse Universe

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



254, 176, 237



255, 161, 234



254, 176, 198



128, 115, 125



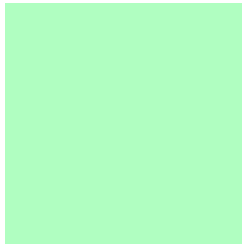
191, 0, 150



64, 0, 50

Previews

White Background



This preview shows how the RGB color 176, 254, 193 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, 254, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

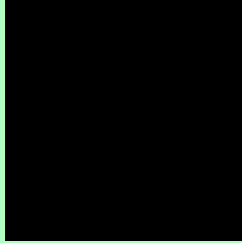
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

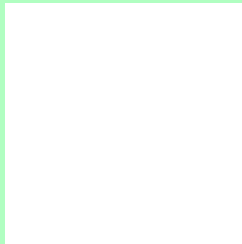
Any Text WCAG AAA ✓ Pass

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

RGB 176, 254, 193 Background



This preview shows how black text looks on a background with the RGB color 176, 254, 193.

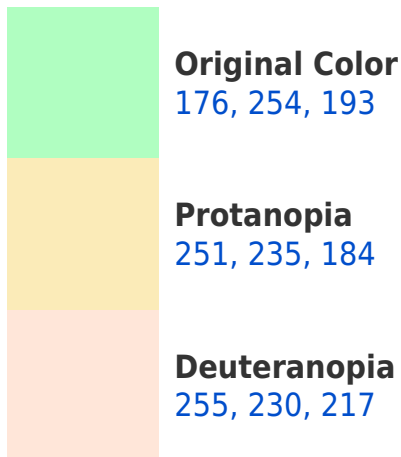


This preview shows how white text looks on a background with the RGB color 176, 254, 193.

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





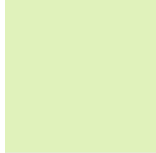
Tritanopia
206, 242, 255

Trichromacy



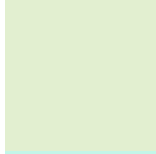
Original Color

176, 254, 193



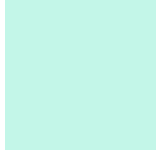
Protanomaly

224, 242, 187



Deuteranomaly

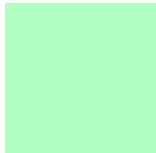
226, 239, 208



Tritanomaly

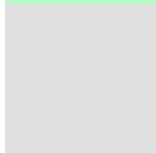
195, 246, 232

Monochromacy



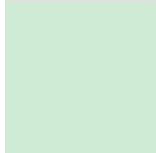
Original Color

176, 254, 193



Achromatopsia

224, 224, 224



Achromatomaly

207, 235, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 254, 193 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, 254, 193)` looks like.

```
.text, #text, p{  
    color:rgb(176, 254, 193)  
}
```

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, 254, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 254, 193) }
```

Border

The CSS property to change the border of an element to RGB 176, 254, 193 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, 254, 193) }
```

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

```
.border{ border-color:rgb(176, 254, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 254, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 254, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 254, 193);  
box-shadow:4px 4px 4px 4px rgb(176, 254,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 176, 254, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 254, 193) }
```

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

```
.background{ background-color: rgb(176,  
254, 193) }
```

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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