

Converting Colors

RGB(166, 244, 209)

Have a look what the booklet for
RGB(166, 244, 209) contains.

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Color

RGB(166, 244, 209)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A6F4D1 |
| RGB | 166, 244, 209 |
| RGB Percent | 65%, 96%, 82% |
| CMY | 0.3490, 0.0431, 0.1804 |
| CMYK | 0.32, 0.00, 0.14, 0.04 |
| HSL | 153°, 78%, 80% |
| HSV | 153°, 32%, 96% |
| XYZ | 59.5852, 77.4118, 72.1231 |
| YIQ | 216.6880, -35.2530, -27.4210 |

Conversions

Conversions Part 2

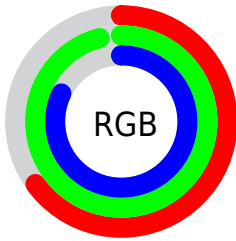
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 166, 216, 244 |
| Decimal | 10941649 |
| CIELab | 90.51, -31.17, 9.30 |
| CIElCh | 91, 32.528, 163.391 |
| Yxy | 77.4118, 0.2849, 0.3702 |
| Android (android.graphics.Color) | 4289131729 (0xFFA6F4D1) |
| YUV | 216.6880, -3.7902, -44.4534 |
| Hunter-Lab | 87.9840, -33.0868, 12.9870 |

Details

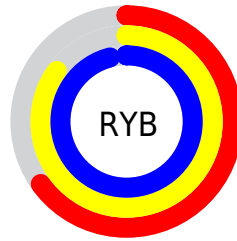
The RGB color **166, 244, 209** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **244, 166, 201**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **223, 255, 255**, and **111, 187, 155** is the 20% darker color. If you saturate the color by 10%, you get **142, 244, 198**, and if you desaturate by 10%, it is **190, 244, 220**.

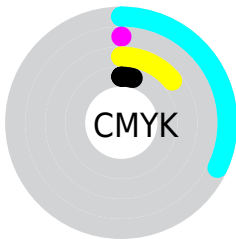
Distribution



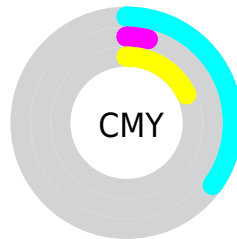
- Red (65%)
- Green (96%)
- Blue (82%)



- Red (65%)
- Yellow (85%)
- Blue (96%)



- Cyan (32%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)



- Cyan (35%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 244, 209 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 166, 244, 209 by changing the saturation by 10% instead.


 166, 244, 209

 166, 244, 209


255, 255, 255


 138, 215, 181

 223, 255, 255


 111, 187, 155

 252, 255, 255

 85, 160, 129

 58, 134, 103

 29, 108, 79

 0, 83, 56

 0, 60, 35

 0, 38, 14

 0, 3, 0

 166, 244, 209

 166, 244, 209

 142, 244, 198

 190, 244, 220

 117, 244, 187

 215, 244, 231

 93, 244, 176

 239, 244, 242

 68, 244, 165

 255, 244, 253

 44, 244, 154

 255, 244, 255

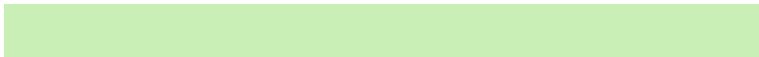
 20, 244, 143

 0, 244, 135

Harmonies

Analogous

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



201, 239, 182



166, 244, 209



140, 245, 241

Triad

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



166, 244, 209



209, 226, 255



255, 210, 186

Complementary

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



166, 244, 209



244, 166, 201

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, 205, 215



166, 244, 209



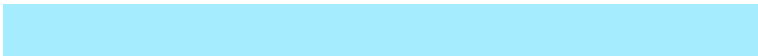
250, 215, 255

Square

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



166, 244, 209



166, 236, 255



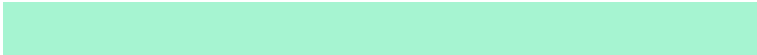
255, 207, 246



255, 220, 169

Rectangle

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



166, 244, 209



134, 244, 255



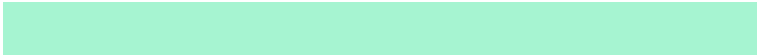
255, 207, 246



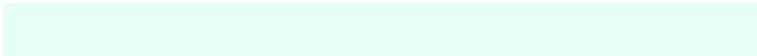
255, 208, 195

Sweetspot

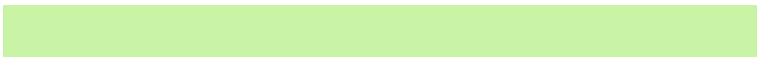
The Sweet Spot groups the original color and five complimentary colors.



166, 244, 209



230, 255, 244



201, 244, 166



112, 128, 121



0, 0, 0



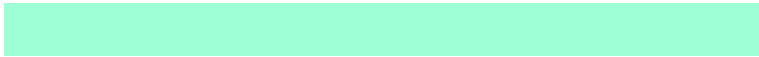
128, 128, 128

Same Dimension

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



166, 244, 209



158, 255, 212



166, 240, 244



110, 122, 117



0, 186, 103



0, 59, 32

Inverse Universe

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



244, 166, 201



255, 158, 202



244, 170, 166



122, 110, 116



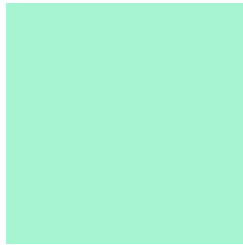
186, 0, 84



59, 0, 26

Previews

White Background



This preview shows how the RGB color 166, 244, 209 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 166, 244, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

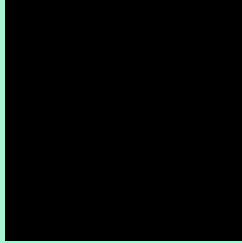
Any Text WCAG AA ✓ Pass

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 166, 244, 209 Background



This preview shows how black text looks on a background with the RGB color 166, 244, 209.

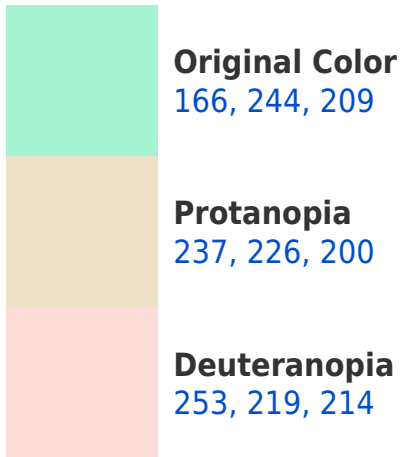


This preview shows how white text looks on a background with the RGB color 166, 244, 209.

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





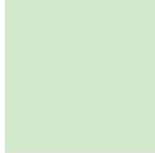
Tritanopia
179, 237, 255

Trichromacy



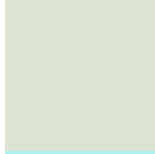
Original Color

166, 244, 209



Protanomaly

211, 233, 203



Deuteranomaly

221, 228, 212



Tritanomaly

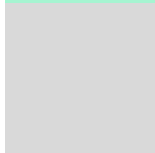
174, 240, 238

Monochromacy



Original Color

166, 244, 209



Achromatopsia

217, 217, 217



Achromatomaly

198, 227, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 244, 209 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(166, 244, 209)` looks like.

```
.text, #text, p{  
    color:rgb(166, 244, 209)  
}
```

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(166, 244, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 244, 209) }
```

Border

The CSS property to change the border of an element to RGB 166, 244, 209 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(166, 244, 209) }
```

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

```
.border{ border-color:rgb(166, 244, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 244, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 244, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 244, 209);  
box-shadow:4px 4px 4px 4px rgb(166, 244,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 166, 244, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 244, 209) }
```

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

```
.background{ background-color: rgb(166,  
244, 209) }
```

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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