

# Converting Colors

RGB(176, 234, 241)

Have a look what the booklet for  
RGB(176, 234, 241) contains.

<b>RGB(176, 234, 241)</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(176, 234, 241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B0EAF1</a>
RGB	<a href="#">176, 234, 241</a>
RGB Percent	<a href="#">69%, 92%, 95%</a>
CMY	<a href="#">0.3098, 0.0824, 0.0549</a>
CMYK	<a href="#">0.27, 0.03, 0.00, 0.05</a>
HSL	<a href="#">186°, 70%, 82%</a>
HSV	<a href="#">186°, 27%, 95%</a>
XYZ	<a href="#">63.2045, 74.4266, 94.2536</a>
YIQ	<a href="#">217.4560, -36.8150, -10.1190</a>

# Conversions

## Conversions Part 2

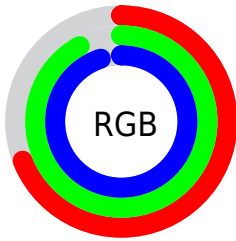
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 207, 241
Decimal	11594481
CIE <sub>Lab</sub>	89.12, -16.70, -9.36
CIE <sub>LCh</sub>	89, 19.143, 209.275
Yxy	74.4266, 0.2726, 0.3210
Android (android.graphics.Color)	4289784561 (0xFFB0EAF1)
YUV	217.4560, 11.6072, -36.3569
Hunter-Lab	86.2709, -20.1998, -4.3866

# Details

The RGB color **176, 234, 241** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **241, 183, 176**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **233, 255, 255**, and **121, 178, 185** is the 20% darker color. If you saturate the color by 10%, you get **152, 231, 241**, and if you desaturate by 10%, it is **200, 237, 241**.

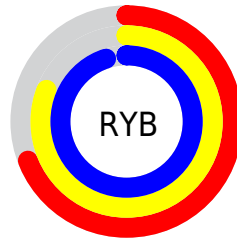
# Distribution



Red (69%)

Green (92%)

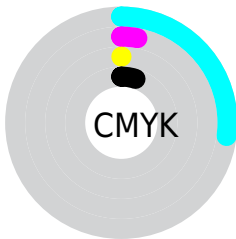
Blue (95%)



Red (69%)

Yellow (81%)

Blue (95%)

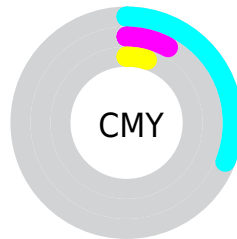


Cyan (27%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (8%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 176, 234, 241 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, 234, 241 by changing the saturation by 10% instead.



 176, 234, 241


255, 255, 255


 233, 255, 255


 176, 234, 241

 148, 206, 213

 121, 178, 185

 95, 151, 158


 69, 125, 132

 42, 100, 107

 10, 76, 83

 0, 53, 60

 0, 32, 38

 0, 1, 17

 176, 234, 241

 176, 234, 241

 152, 231, 241

 200, 237, 241

 128, 229, 241


 224, 239, 241

 104, 226, 241

 248, 242, 241

 80, 224, 241

 255, 244, 241

 55, 221, 241

 255, 247, 241

 31, 218, 241

 255, 250, 241

 7, 216, 241

 255, 252, 241

 0, 215, 241

 255, 255, 241

 255, 255, 241

# Harmonies

## Analogous

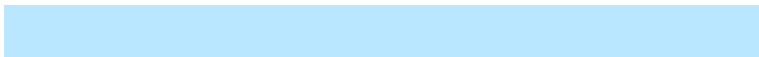
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182, 235, 223



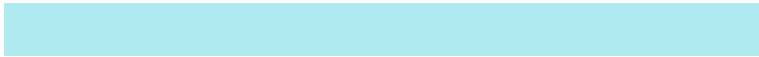
176, 234, 241



184, 231, 255

# Triad

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



176, 234, 241



247, 214, 243



239, 222, 188

# Complementary

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



176, 234, 241



241, 183, 176

# 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, 217, 193



176, 234, 241



255, 211, 225

# Square

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



176, 234, 241



227, 219, 255



255, 212, 207



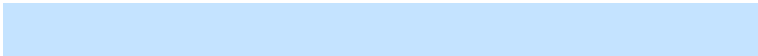
219, 228, 192

# Rectangle

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



176, 234, 241



196, 227, 255



255, 212, 207



245, 220, 188



# Sweetspot

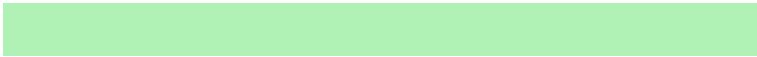
The Sweet Spot groups the original color and five complimentary colors.



176, 234, 241



235, 253, 255



176, 241, 182



115, 126, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



176, 234, 241



173, 246, 255



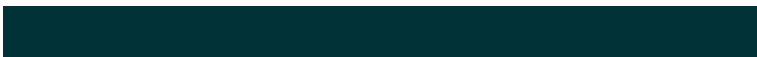
176, 202, 241



108, 119, 120



0, 164, 184



0, 50, 56



# Inverse Universe

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



241, 176, 234



255, 173, 246



241, 215, 176



120, 108, 119



184, 0, 164

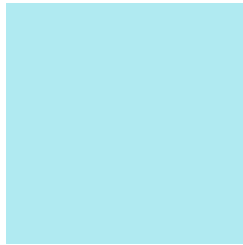


56, 0, 50



# Previews

## White Background



This preview shows how the RGB color 176, 234, 241 looks on a white background.

## Color Contrast Check

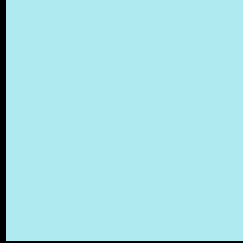
Large Text (above 18pt) WCAG AA × Fail

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, 234, 241 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

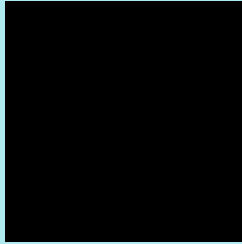
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 176, 234, 241 Background



This preview shows how black text looks on a background with the RGB color 176, 234, 241.



This preview shows how white text looks on a background with the RGB color 176, 234, 241.

# 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





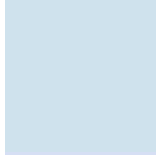
**Tritanopia**  
178, 232, 251

# Trichromacy



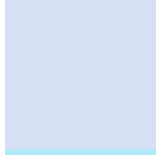
**Original Color**

176, 234, 241



**Protanomaly**

207, 226, 237



**Deuteranomaly**

214, 223, 244



**Tritanomaly**

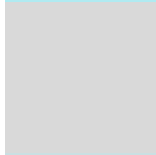
177, 233, 247

# Monochromacy



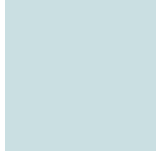
**Original Color**

176, 234, 241



**Achromatopsia**

217, 217, 217



**Achromatomaly**

202, 223, 226

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 176, 234, 241 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, 234, 241)` looks like.

```
.text, #text, p{  
    color:rgb(176, 234, 241)  
}
```

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, 234, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 234, 241) }
```

## Border

The CSS property to change the border of an element to RGB 176, 234, 241 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, 234, 241) }
```

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

```
.border{ border-color:rgb(176, 234, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 234, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 234, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 234, 241); box-shadow:4px 4px 4px 4px rgb(176, 234, 241) }
```

# Background

The CSS property to change the background color of an element to RGB 176, 234, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 234, 241) }
```

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

```
.background{ background-color: rgb(176,  
234, 241) }
```

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