

Converting Colors

RGB(176, 249, 243)

Have a look what the booklet for
RGB(176, 249, 243) contains.

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Color

RGB(176, 249, 243)

Conversions

Conversions Part 1

Format	Color
Hex	B0F9F3
RGB	176, 249, 243
RGB Percent	69%, 98%, 95%
CMY	0.3098, 0.0235, 0.0471
CMYK	0.29, 0.00, 0.02, 0.02
HSL	175°, 86%, 83%
HSV	175°, 29%, 98%
XYZ	67.9578, 83.4525, 97.3202
YIQ	226.4890, -41.5820, -17.3420

Conversions

Conversions Part 2

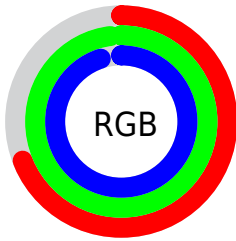
Format	Color
R_{YB}	176, 214, 249
Decimal	11598323
CIE _{Lab}	93.21, -23.64, -4.36
CIE _{LCh}	93, 24.041, 190.441
Yxy	83.4525, 0.2732, 0.3355
Android (android.graphics.Color)	4289788403 (0xFFB0F9F3)
YUV	226.4890, 8.1399, -44.2789
Hunter-Lab	91.3524, -27.0789, 0.7834

Details

The RGB color **176, 249, 243** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **249, 176, 182**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **233, 255, 255**, and **121, 192, 187** is the 20% darker color. If you saturate the color by 10%, you get **151, 249, 241**, and if you desaturate by 10%, it is **201, 249, 245**.

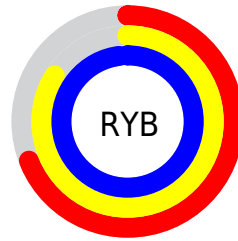
Distribution



Red (69%)

Green (98%)

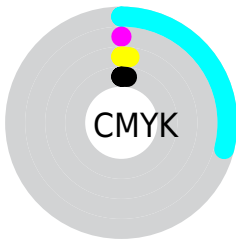
Blue (95%)



Red (69%)

Yellow (84%)

Blue (98%)

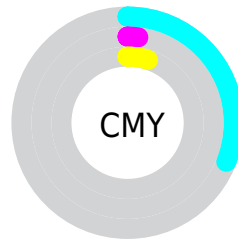


Cyan (29%)

Magenta (0%)

Yellow (2%)

Black (2%)



Cyan (31%)

Magenta (2%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 249, 243 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, 249, 243 by changing the saturation by 10% instead.


 176, 249, 243


255, 255, 255


 233, 255, 255


 176, 249, 243


 148, 220, 215

 121, 192, 187

 94, 165, 160

 67, 139, 134

 38, 113, 109

 0, 88, 84


 0, 64, 61


 0, 42, 40

 0, 20, 19

 176, 249, 243


 176, 249, 243

 151, 249, 241

 201, 249, 245

 126, 249, 239

 226, 249, 247

 101, 249, 237

 251, 249, 249

 76, 249, 235

 255, 249, 251

 52, 249, 233

 255, 249, 253

 27, 249, 231

 255, 249, 255

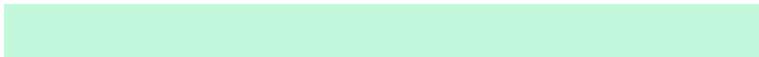
 2, 249, 229

 0, 249, 229

Harmonies

Analogous

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



194, 248, 219



176, 249, 243



174, 247, 255

Triad

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



176, 249, 243



250, 227, 255



255, 229, 192

Complementary

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



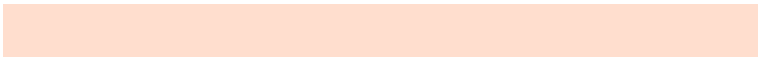
176, 249, 243



249, 176, 182

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, 222, 206



176, 249, 243



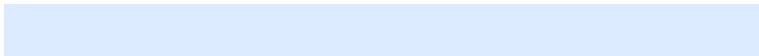
255, 221, 252

Square

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



176, 249, 243



220, 235, 255



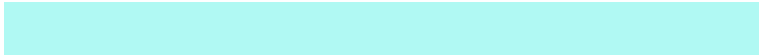
255, 219, 228



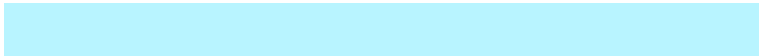
245, 237, 190

Rectangle

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



176, 249, 243



184, 244, 255



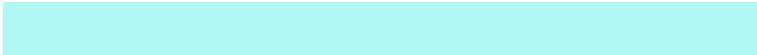
255, 219, 228



255, 226, 196

Sweetspot

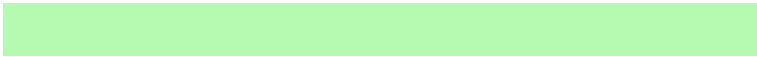
The Sweet Spot groups the original color and five complimentary colors.



176, 249, 243



232, 255, 253



182, 249, 176



113, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

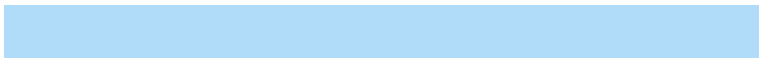
The Same Dimension uses a secret algorithm to generate beautiful new colors.



176, 249, 243



166, 255, 248



176, 219, 249



112, 125, 124



0, 189, 173



0, 61, 56

Inverse Universe

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



249, 176, 182



255, 166, 173



249, 206, 176



125, 112, 113



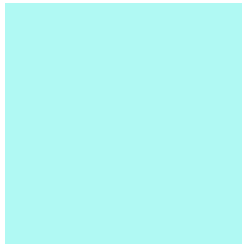
189, 0, 16



61, 0, 5

Previews

White Background



This preview shows how the RGB color 176, 249, 243 looks on a white background.

Color Contrast Check

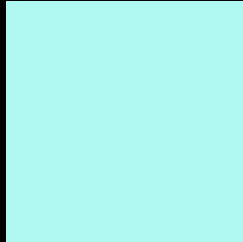
Large Text (above 18pt) WCAG AA × Fail

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, 249, 243 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

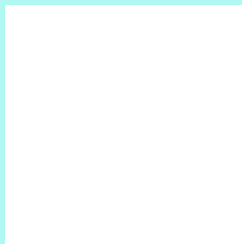
Any Text WCAG AAA ✓ Pass

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

RGB 176, 249, 243 Background



This preview shows how black text looks on a background with the RGB color 176, 249, 243.



This preview shows how white text looks on a background with the RGB color 176, 249, 243.

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
202, 242, 255

Trichromacy



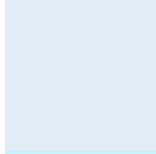
Original Color

176, 249, 243



Protanomaly

216, 239, 237



Deuteranomaly

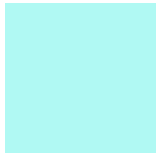
224, 236, 246



Tritanomaly

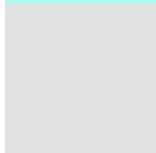
193, 245, 251

Monochromacy



Original Color

176, 249, 243



Achromatopsia

226, 226, 226



Achromatomaly

208, 234, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 249, 243 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, 249, 243)` looks like.

```
.text, #text, p{  
    color:rgb(176, 249, 243)  
}
```

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, 249, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 249, 243) }
```

Border

The CSS property to change the border of an element to RGB 176, 249, 243 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, 249, 243) }
```

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

```
.border{ border-color:rgb(176, 249, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 249, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 249, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 249, 243);  
box-shadow:4px 4px 4px 4px rgb(176, 249,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 176, 249, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 249, 243) }
```

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

```
.background{ background-color: rgb(176,  
249, 243) }
```

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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