Converting Colors

RGB(176, 230, 240)

Have a look what the booklet for RGB(176, 230, 240) contains.

Color

RGB(176, 230, 240)

Conversions

Conversions Part 1

Format	Color
Hex	B0E6F0
RGB	176, 230, 240
RGB Percent	69%, 90%, 94%
CMY	0.3098, 0.0980, 0.0588
CMYK	0.27, 0.04, 0.00, 0.06
HSL	189°, 68%, 82%
HSV	189°, 27%, 94%
XYZ	61.9295, 72.1150, 93.0936
YIQ	214.9940, -35.3940, -8.3380

Conversions

Conversions Part 2

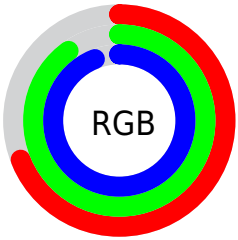
Format	Color
RYB	176, 205, 240
Decimal	11593456
CIELab	88.02, -14.91, -10.47
CIELCh	88, 18.221, 215.079
Yxy	72.1150, 0.2727, 0.3175
Android (android.graphics.Color)	4289783536 (0xFFB0E6F0)
YUV	214.9940, 12.3280, -34.1977
Hunter-Lab	84.9206, -18.4374, -5.5519

Details

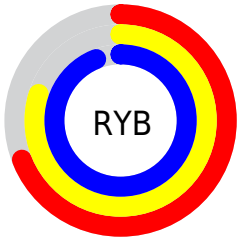
The RGB color 176, 230, 240 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 240, 186, 176, and the grayscale version is 215, 215, 215.

A 20% lighter version of the original color is 233, 255, 255, and 122, 174, 184 is the 20% darker color. If you saturate the color by 10%, you get 152, 226, 240, and if you desaturate by 10%, it is 200, 234, 240.

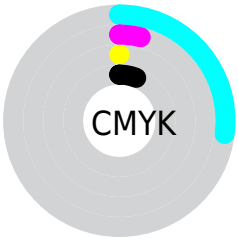
Distribution



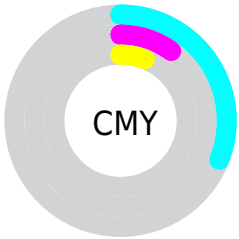
- Red (69%)
- Green (90%)
- Blue (94%)



- Red (69%)
- Yellow (80%)
- Blue (94%)



- Cyan (27%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (31%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 230, 240 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, 230, 240 by changing the saturation by 10% instead.

176, 230, 240

255, 255, 255

233, 255, 255

176, 230, 240

148, 202, 212

122, 174, 184

95, 148, 157

69, 122, 131

43, 97, 106

13, 73, 82

0, 50, 59

0, 30, 37

0, 1, 16

176, 230, 240

152, 226, 240

128, 222, 240

104, 219, 240

80, 215, 240

56, 211, 240

32, 207, 240

8, 204, 240

0, 202, 240

176, 230, 240

200, 234, 240

224, 237, 240

248, 241, 240

255, 245, 240

255, 249, 240

255, 252, 240

255, 255, 240

Harmonies

Analogous

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

179, 231, 223

176, 230, 240

186, 227, 252

Triad

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

176, 230, 240

246, 211, 236

232, 221, 186

Complementary

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

176, 230, 240

240, 186, 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.

248, 215, 190

176, 230, 240

255, 209, 218

Square

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

176, 230, 240

228, 215, 249

255, 210, 202

212, 226, 192

Rectangle

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

176, 230, 240

198, 223, 255

255, 210, 202

238, 219, 187

Sweetspot

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

176, 230, 240

235, 252, 255

176, 240, 186

115, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

176, 230, 240

173, 242, 255

176, 198, 240

108, 118, 120

0, 155, 184

0, 47, 56

Inverse Universe

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

240, 176, 230

255, 173, 242

240, 218, 176

120, 108, 118

184, 0, 155

56, 0, 47

Previews

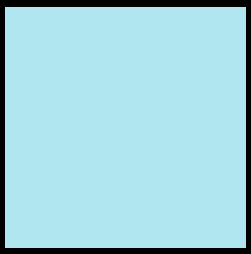
White Background

This preview shows how the RGB color 176, 230, 240 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



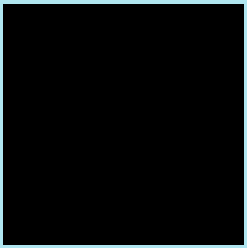
This preview shows how the RGB color 176, 230, 240 looks on a black background.

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, 230, 240 Background



This preview shows how black text looks on a background with the RGB color 176, 230, 240.

This preview shows how white text looks on a background with the RGB color 176, 230, 240.

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

Original Color
176, 230, 240

Protanopia
220, 219, 233

Deuteranopia
231, 214, 243

Tritanopia
178, 229, 247

Trichromacy

Original Color
176, 230, 240

Protanomaly
204, 223, 236

Deuteranomaly
211, 220, 242

Tritanomaly
177, 229, 244

Monochromacy

Original Color
176, 230, 240

Achromatopsia
215, 215, 215

Achromatomaly
201, 220, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 230, 240 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, 230, 240) looks like.

```
.text, #text, p{
    color:rgb(176, 230, 240)
}
```

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, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 230, 240) }
```

Border

The CSS property to change the border of an element to RGB 176, 230, 240 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, 230, 240) }
```

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

```
.border{ border-color:rgb(176, 230, 240) }
```

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

Here you see how a box with a 4 pixel rgb(176, 230, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 230, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 230, 240); box-shadow:4px 4px 4px 4px rgb(176, 230, 240) }
```

Background

The CSS property to change the background color of an element to RGB 176, 230, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(176, 230, 240) }
```

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

```
.background{ background-color:rgb(176,
230, 240) }
```

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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