Converting Colors

RGB(176, 227, 218)

Have a look what the booklet for RGB(176, 227, 218) contains.

Color

RGB(176, 227, 218)

Conversions

Conversions Part 1

Format	Color
Hex	B0E3DA
RGB	176, 227, 218
RGB Percent	69%, 89%, 85%
CMY	0.3098, 0.1098, 0.1451
CMYK	0.22, 0.00, 0.04, 0.11
HSL	169°, 48%, 79%
HSV	169°, 22%, 89%
XYZ	58.0285, 69.2302, 76.6340
YIQ	210.7250, -27.5070, -13.6110

Conversions

Conversions Part 2

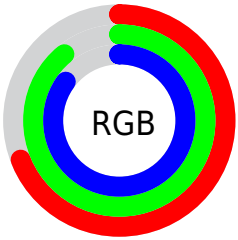
Format	Color
RYB	176, 204, 227
Decimal	11592666
CIELab	86.62, -18.15, -0.98
CIELCh	87, 18.177, 183.077
Yxy	69.2302, 0.2846, 0.3395
Android (android.graphics.Color)	4289782746 (0xFFB0E3DA)
YUV	210.7250, 3.5866, -30.4538
Hunter-Lab	83.2047, -21.1191, 3.6354

Details

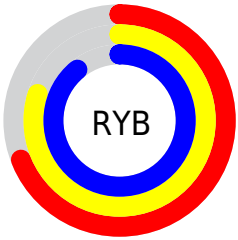
The RGB color 176, 227, 218 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 227, 176, 185, and the grayscale version is 211, 211, 211.

A 20% lighter version of the original color is 232, 255, 255, and 122, 172, 163 is the 20% darker color. If you saturate the color by 10%, you get 153, 227, 214, and if you desaturate by 10%, it is 199, 227, 222.

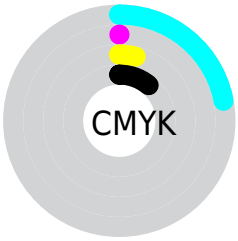
Distribution



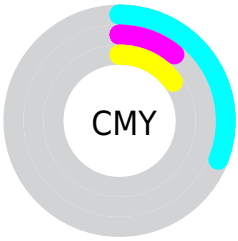
- Red (69%)
- Green (89%)
- Blue (85%)



- Red (69%)
- Yellow (80%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 227, 218 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, 227, 218 by changing the saturation by 10% instead.

176, 227, 218

255, 255, 255

232, 255, 255

176, 227, 218

149, 199, 190

122, 172, 163

96, 145, 137

71, 119, 112

47, 94, 87

21, 70, 64

0, 48, 42

0, 28, 22

0, 0, 0

176, 227, 218

153, 227, 214

131, 227, 210

108, 227, 206

85, 227, 202

63, 227, 198

40, 227, 194

17, 227, 190

0, 227, 187

176, 227, 218

199, 227, 222

221, 227, 226

244, 227, 230

255, 227, 234

255, 227, 238

255, 227, 242

255, 227, 246

255, 227, 250

255, 227, 254

Harmonies

Analogous

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

190, 225, 201

176, 227, 218

172, 226, 235

Triad

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

176, 227, 218

222, 212, 246

244, 211, 187

Complementary

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

176, 227, 218

227, 176, 185

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.

253, 206, 199

176, 227, 218

241, 207, 233

Square

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

176, 227, 218

200, 218, 251

252, 205, 216

229, 216, 183

Rectangle

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

176, 227, 218

177, 224, 244

252, 205, 216

248, 209, 190

Sweetspot

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

176, 227, 218

237, 255, 252

185, 227, 176

117, 128, 126

0, 0, 0

128, 128, 128

Same Dimension

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

176, 227, 218

186, 255, 243

176, 211, 227

103, 115, 113

0, 179, 147

0, 51, 42

Inverse Universe

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

227, 176, 185

255, 186, 198

227, 192, 176

115, 103, 105

179, 0, 31

51, 0, 9

Previews

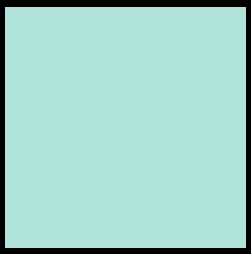
White Background

This preview shows how the RGB color 176, 227, 218 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



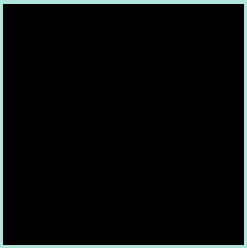
This preview shows how the RGB color 176, 227, 218 looks on a black background.

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, 227, 218 Background



This preview shows how black text looks on a background with the RGB color 176, 227, 218.

This preview shows how white text looks on a background with the RGB color 176, 227, 218.

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, 227, 218

Protanopia
221, 215, 211

Deuteranopia
235, 210, 222

Tritanopia
181, 223, 241

Trichromacy

Original Color
176, 227, 218

Protanomaly
205, 219, 214

Deuteranomaly
214, 216, 221

Tritanomaly
179, 224, 233

Monochromacy

Original Color
176, 227, 218

Achromatopsia
211, 211, 211

Achromatomaly
198, 217, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 227, 218 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, 227, 218) looks like.

```
.text, #text, p{
    color:rgb(176, 227, 218)
}
```

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, 227, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 227, 218) }
```

Border

The CSS property to change the border of an element to RGB 176, 227, 218 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, 227, 218) }
```

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

```
.border{ border-color:rgb(176, 227, 218) }
```

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

Here you see how a box with a 4 pixel rgb(176, 227, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 227, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 227, 218); box-shadow:4px 4px 4px 4px rgb(176, 227, 218) }
```

Background

The CSS property to change the background color of an element to RGB 176, 227, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(176, 227, 218) }
```

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

```
.background{ background-color:rgb(176,
227, 218) }
```

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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