Converting Colors

RGB(179, 226, 217)

Have a look what the booklet for RGB(179, 226, 217) contains.

Color

RGB(179, 226, 217)

Conversions

Conversions Part 1

Format	Color
Hex	B3E2D9
RGB	179, 226, 217
RGB Percent	70%, 89%, 85%
CMY	0.2980, 0.1137, 0.1490
CMYK	0.21, 0.00, 0.04, 0.11
HSL	169°, 45%, 79%
HSV	169°, 21%, 89%
XYZ	58.3111, 68.9862, 75.8880
YIQ	210.9210, -25.1230, -12.7630

Conversions

Conversions Part 2

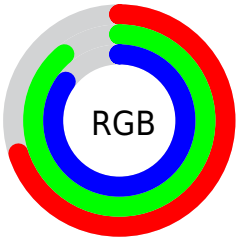
Format	Color
RYB	179, 205, 226
Decimal	11789017
CIELab	86.50, -16.94, -0.60
CIELCh	86, 16.954, 182.044
Yxy	68.9862, 0.2870, 0.3395
Android (android.graphics.Color)	4289979097 (0xFFB3E2D9)
YUV	210.9210, 2.9969, -27.9947
Hunter-Lab	83.0579, -20.0347, 3.9687

Details

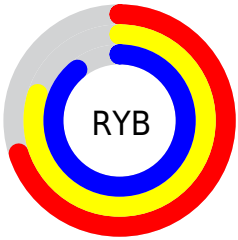
The RGB color 179, 226, 217 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 226, 179, 188, and the grayscale version is 211, 211, 211.

A 20% lighter version of the original color is 235, 255, 255, and 125, 171, 162 is the 20% darker color. If you saturate the color by 10%, you get 156, 226, 213, and if you desaturate by 10%, it is 202, 226, 221.

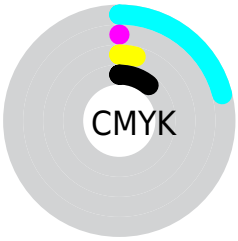
Distribution



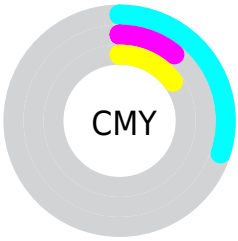
- Red (70%)
- Green (89%)
- Blue (85%)



- Red (70%)
- Yellow (80%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 179, 226, 217 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 179, 226, 217 by changing the saturation by 10% instead.

179, 226, 217

255, 255, 255

235, 255, 255

179, 226, 217

152, 198, 189

125, 171, 162

100, 144, 136

75, 118, 111

50, 93, 86

26, 70, 63

0, 47, 41

0, 27, 21

0, 0, 0

179, 226, 217	179, 226, 217
156, 226, 213	202, 226, 221
134, 226, 208	224, 226, 226
111, 226, 204	247, 226, 230
89, 226, 200	255, 226, 234
66, 226, 195	255, 226, 239
43, 226, 191	255, 226, 243
21, 226, 187	255, 226, 247
0, 226, 183	255, 226, 252
	255, 226, 255

Harmonies

Analogous

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

192, 224, 201

179, 226, 217

175, 225, 233

Triad

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

179, 226, 217

221, 212, 244

243, 210, 189

Complementary

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

179, 226, 217

226, 179, 188

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.

250, 207, 200

179, 226, 217

239, 208, 232

Square

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

179, 226, 217

200, 217, 248

249, 205, 216

228, 216, 185

Rectangle

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

179, 226, 217

179, 223, 241

249, 205, 216

246, 209, 192

Sweetspot

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

179, 226, 217

240, 255, 252

188, 226, 179

119, 128, 126

0, 0, 0

128, 128, 128

Same Dimension

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

179, 226, 217

191, 255, 243

179, 212, 226

101, 112, 110

0, 176, 142

0, 48, 39

Inverse Universe

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

226, 179, 188

255, 191, 203

226, 193, 179

112, 101, 103

176, 0, 34

48, 0, 9

Previews

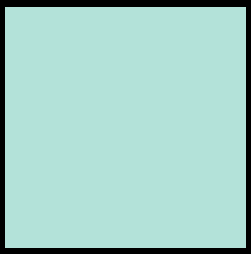
White Background

This preview shows how the RGB color 179, 226, 217 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



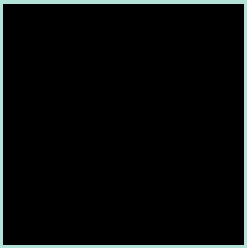
This preview shows how the RGB color 179, 226, 217 looks on a black background.

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 179, 226, 217 Background



This preview shows how black text looks on a background with the RGB color 179, 226, 217.

This preview shows how white text looks on a background with the RGB color 179, 226, 217.

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
179, 226, 217

Protanopia
221, 215, 211

Deuteranopia
235, 209, 220

Tritanopia
184, 222, 240

Trichromacy

Original Color
179, 226, 217

Protanomaly
206, 219, 213

Deuteranomaly
215, 215, 219

Tritanomaly
182, 223, 232

Monochromacy

Original Color
179, 226, 217

Achromatopsia
211, 211, 211

Achromatomaly
199, 216, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 226, 217 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(179, 226, 217) looks like.

```
.text, #text, p{
    color:rgb(179, 226, 217)
}
```

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(179, 226, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 226, 217) }
```

Border

The CSS property to change the border of an element to RGB 179, 226, 217 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(179, 226, 217) }
```

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

```
.border{ border-color:rgb(179, 226, 217) }
```

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

Here you see how a box with a 4 pixel rgb(179, 226, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 226, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 226, 217); box-shadow:4px 4px 4px 4px rgb(179, 226, 217) }
```

Background

The CSS property to change the background color of an element to RGB 179, 226, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(179, 226, 217) }
```

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

```
.background{ background-color:rgb(179,
226, 217) }
```

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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