Converting Colors

RGB(177, 225, 219)

Have a look what the booklet for RGB(177, 225, 219) contains.

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Color

RGB(177, 225, 219)

Conversions

Conversions Part 1

Format	Color
Hex	B1E1DB
RGB	177, 225, 219
RGB Percent	69%, 88%, 86%
CMY	0.3059, 0.1176, 0.1412
CMYK	0.21, 0.00, 0.03, 0.12
HSL	172°, 44%, 79%
HSV	172°, 21%, 88%
XYZ	57.8429, 68.3120, 77.1547
YIQ	209.9640, -26.6820, -12.0420

Conversions

Conversions Part 2

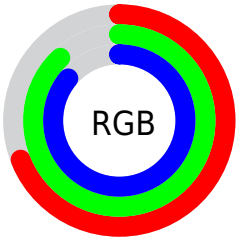
Format	Color
RYB	177, 203, 225
Decimal	11657691
CIELab	86.16, -16.64, -2.16
CIELCh	86, 16.780, 187.408
Yxy	68.3120, 0.2845, 0.3360
Android (android.graphics.Color)	4289847771 (0xFFB1E1DB)
YUV	209.9640, 4.4547, -28.9094
Hunter-Lab	82.6511, -19.7172, 2.5086

Details

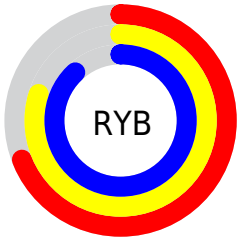
The RGB color 177, 225, 219 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 225, 177, 183, and the grayscale version is 210, 210, 210.

A 20% lighter version of the original color is 233, 255, 255, and 123, 170, 164 is the 20% darker color. If you saturate the color by 10%, you get 155, 225, 216, and if you desaturate by 10%, it is 199, 225, 222.

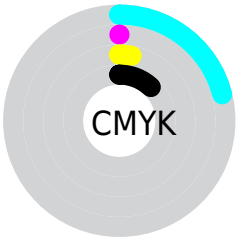
Distribution



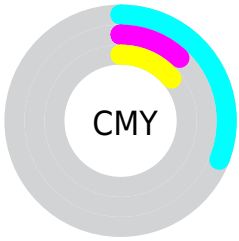
- Red (69%)
- Green (88%)
- Blue (86%)



- Red (69%)
- Yellow (80%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (31%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 225, 219 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 177, 225, 219 by changing the saturation by 10% instead.

177, 225, 219

255, 255, 255

233, 255, 255

177, 225, 219

150, 197, 191

123, 170, 164

98, 143, 138

73, 117, 112

48, 93, 88

23, 69, 65

0, 46, 43

0, 27, 22

0, 0, 0

177, 225, 219	177, 225, 219
155, 225, 216	199, 225, 222
132, 225, 213	222, 225, 225
110, 225, 211	244, 225, 227
87, 225, 208	255, 225, 230
64, 225, 205	255, 225, 233
42, 225, 202	255, 225, 236
19, 225, 199	255, 225, 239
0, 225, 197	255, 225, 241
	255, 225, 244

Harmonies

Analogous

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

189, 224, 203

177, 225, 219

175, 224, 234

Triad

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

177, 225, 219

224, 210, 241

239, 210, 187

Complementary

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

177, 225, 225

225, 177, 183

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, 206, 197

177, 225, 219

240, 206, 228

Square

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

177, 225, 219

203, 216, 247

249, 205, 212

224, 216, 184

Rectangle

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

177, 225, 219

181, 222, 242

249, 205, 212

243, 209, 189

Sweetspot

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

177, 225, 219

240, 255, 253

183, 225, 177

119, 128, 126

0, 0, 0

128, 128, 128

Same Dimension

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

177, 225, 219

189, 255, 247

177, 207, 225

101, 112, 111

0, 176, 154

0, 48, 42

Inverse Universe

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

225, 177, 183

255, 189, 197

225, 195, 177

112, 101, 102

176, 0, 22

48, 0, 6

Previews

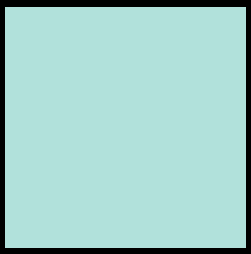
White Background

This preview shows how the RGB color 177, 225, 219 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



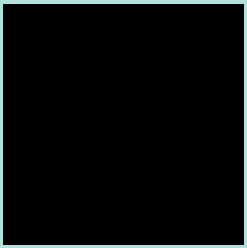
This preview shows how the RGB color 177, 225, 219 looks on a black background.

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 177, 225, 219 Background



This preview shows how black text looks on a background with the RGB color 177, 225, 219.

This preview shows how white text looks on a background with the RGB color 177, 225, 219.

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
177, 225, 219

Protanopia
219, 214, 213

Deuteranopia
232, 208, 222

Tritanopia
181, 222, 240

Trichromacy

Original Color
177, 225, 219

Protanomaly
204, 218, 215

Deuteranomaly
212, 214, 221

Tritanomaly
180, 223, 232

Monochromacy

Original Color
177, 225, 219

Achromatopsia
210, 210, 210

Achromatomaly
198, 215, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 225, 219 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(177, 225, 219) looks like.

```
.text, #text, p{
    color:rgb(177, 225, 219)
}
```

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(177, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 225, 219) }
```

Border

The CSS property to change the border of an element to RGB 177, 225, 219 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(177, 225, 219) }
```

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

```
.border{ border-color:rgb(177, 225, 219) }
```

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

Here you see how a box with a 4 pixel rgb(177, 225, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 225, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 225, 219); box-shadow:4px 4px 4px 4px rgb(177, 225, 219) }
```

Background

The CSS property to change the background color of an element to RGB 177, 225, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(177, 225, 219) }
```

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

```
.background{ background-color:rgb(177,
225, 219) }
```

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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