Converting Colors

RGB(177, 227, 232)

Have a look what the booklet for RGB(177, 227, 232) contains.

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Color

RGB(177, 227, 232)

Conversions

Conversions Part 1

Format	Color
Hex	B1E3E8
RGB	177, 227, 232
RGB Percent	69%, 89%, 91%
CMY	0.3059, 0.1098, 0.0902
CMYK	0.24, 0.02, 0.00, 0.09
HSL	185°, 54%, 80%
HSV	185°, 24%, 91%
XYZ	60.1660, 70.1115, 86.7057
YIQ	212.6200, -31.4050, -9.0450

Conversions

Conversions Part 2

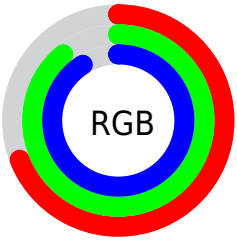
Format	Color
RYB	177, 203, 232
Decimal	11658216
CIELab	87.05, -14.87, -7.70
CIELCh	87, 16.751, 207.380
Yxy	70.1115, 0.2773, 0.3231
Android (android.graphics.Color)	4289848296 (0xFFB1E3E8)
YUV	212.6200, 9.5543, -31.2387
Hunter-Lab	83.7326, -18.2709, -2.7824

Details

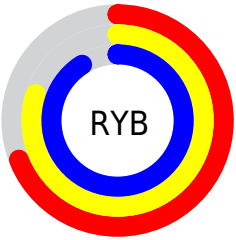
The RGB color 177, 227, 232 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 232, 182, 177, and the grayscale version is 213, 213, 213.

A 20% lighter version of the original color is 234, 255, 255, and 123, 172, 176 is the 20% darker color. If you saturate the color by 10%, you get 154, 225, 232, and if you desaturate by 10%, it is 200, 229, 232.

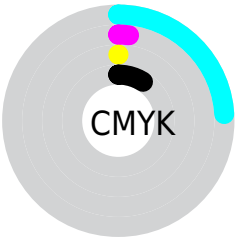
Distribution



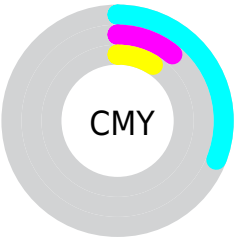
- Red (69%)
- Green (89%)
- Blue (91%)



- Red (69%)
- Yellow (80%)
- Blue (91%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 227, 232 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, 227, 232 by changing the saturation by 10% instead.

177, 227, 232

255, 255, 255

234, 255, 255

177, 227, 232

150, 199, 204

123, 172, 176

97, 145, 150

71, 119, 124

46, 94, 99

19, 71, 75

0, 48, 53

0, 28, 31

0, 0, 6

177, 227, 232

154, 225, 232

131, 223, 232

107, 221, 232

84, 219, 232

61, 216, 232

38, 214, 232

15, 212, 232

0, 211, 232

177, 227, 232

200, 229, 232

223, 231, 232

247, 233, 232

255, 235, 232

255, 238, 232

255, 240, 232

255, 242, 232

255, 244, 232

255, 246, 232

Harmonies

Analogous

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

183, 227, 216

177, 227, 232

183, 224, 244

Triad

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

177, 227, 232

238, 210, 235

232, 216, 187

Complementary

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

177, 227, 232

232, 182, 177

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.

246, 211, 192

177, 227, 232

249, 207, 220

Square

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

177, 227, 232

219, 214, 246

252, 208, 204

215, 222, 190

Rectangle

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

177, 227, 232

193, 221, 249

252, 208, 204

237, 215, 187

Sweetspot

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

177, 227, 232

237, 253, 255

177, 232, 182

117, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

177, 227, 232

184, 249, 255

177, 200, 232

103, 114, 115

0, 162, 179

0, 46, 51

Inverse Universe

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

232, 177, 227

255, 184, 249

232, 209, 177

115, 103, 114

179, 0, 162

51, 0, 46

Previews

White Background

This preview shows how the RGB color 177, 227, 232 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, 227, 232 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, 227, 232 Background

This preview shows how black text looks on a background with the RGB color 177, 227, 232.

This preview shows how white text looks on a background with the RGB color 177, 227, 232.

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, 227, 232

Protanopia
219, 216, 226

Deuteranopia
230, 211, 235

Tritanopia
179, 225, 243

Trichromacy

Original Color
177, 227, 232

Protanomaly
204, 220, 228

Deuteranomaly
211, 217, 234

Tritanomaly
178, 226, 239

Monochromacy

Original Color
177, 227, 232

Achromatopsia
213, 213, 213

Achromatomaly
200, 218, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 227, 232 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, 227, 232) looks like.

```
.text, #text, p{
    color:rgb(177, 227, 232)
}
```

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, 227, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 227, 232) }
```

Border

The CSS property to change the border of an element to RGB 177, 227, 232 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, 227, 232) }
```

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

```
.border{ border-color:rgb(177, 227, 232) }
```

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

Here you see how a box with a 4 pixel rgb(177, 227, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 227, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 227, 232); box-shadow:4px 4px 4px 4px rgb(177, 227, 232) }
```

Background

The CSS property to change the background color of an element to RGB 177, 227, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(177, 227, 232) }
```

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

```
.background{ background-color:rgb(177,
227, 232) }
```

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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