Converting Colors

RGB(178, 233, 252)

Have a look what the booklet for RGB(178, 233, 252) contains.

Color

RGB(178, 233, 252)

Conversions

Conversions Part 1

Format	Color
Hex	B2E9FC
RGB	178, 233, 252
RGB Percent	70%, 91%, 99%
CMY	0.3020, 0.0863, 0.0118
CMYK	0.29, 0.08, 0.00, 0.01
HSL	195°, 93%, 84%
HSV	195°, 29%, 99%
XYZ	65.0697, 74.7711, 103.0982
YIQ	218.7210, -38.8790, -5.7510

Conversions

Conversions Part 2

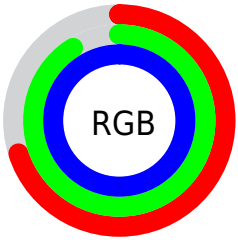
Format	Color
RYB	178, 210, 252
Decimal	11725308
CIELab	89.29, -13.14, -14.87
CIELCh	89, 19.844, 228.519
Yxy	74.7711, 0.2678, 0.3078
Android (android.graphics.Color)	4289915388 (0xFFB2E9FC)
YUV	218.7210, 16.4065, -35.7123
Hunter-Lab	86.4703, -17.0000, -10.1621

Details

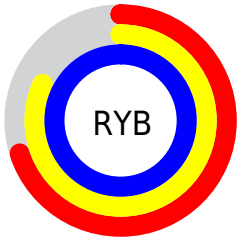
The RGB color 178, 233, 252 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 252, 197, 178, and the grayscale version is 219, 219, 219.

A 20% lighter version of the original color is 235, 255, 255, and 123, 177, 195 is the 20% darker color. If you saturate the color by 10%, you get 153, 227, 252, and if you desaturate by 10%, it is 203, 239, 252.

Distribution

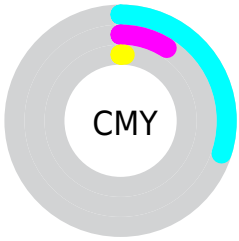


- Red (70%)
- Green (91%)
- Blue (99%)



- Red (70%)
- Yellow (82%)
- Blue (99%)

- Cyan (29%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (30%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 233, 252 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 178, 233, 252 by changing the saturation by 10% instead.

178, 233, 252

255, 255, 255

235, 255, 255

178, 233, 252

150, 205, 223

123, 177, 195

96, 151, 168

70, 125, 142

43, 100, 116

9, 76, 92

0, 53, 68

0, 32, 46

0, 1, 26

178, 233, 252

153, 227, 252

128, 220, 252

102, 214, 252

77, 207, 252

52, 201, 252

27, 194, 252

2, 188, 252

0, 187, 252

178, 233, 252

203, 239, 252

228, 246, 252

254, 252, 252

255, 255, 252

Harmonies

Analogous

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

175, 235, 236

178, 233, 252

195, 228, 255

Triad

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

178, 233, 252

255, 212, 232

227, 227, 188

Complementary

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

178, 233, 252

252, 197, 178

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, 221, 188

178, 233, 252

255, 212, 213

Square

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

178, 233, 252

242, 216, 250

255, 215, 197

205, 232, 199

Rectangle

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

178, 233, 252

210, 224, 255

255, 215, 197

234, 225, 187

Sweetspot

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

178, 233, 252

232, 249, 255

178, 252, 196

113, 124, 128

0, 0, 0

128, 128, 128

Same Dimension

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

178, 233, 252

166, 232, 255

178, 196, 252

112, 122, 125

0, 140, 189

0, 45, 61

Inverse Universe

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

252, 178, 233

255, 166, 232

252, 234, 178

125, 112, 122

189, 0, 140

61, 0, 45

Previews

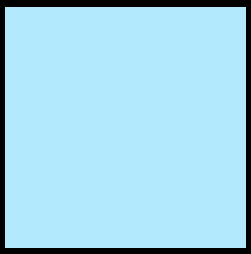
White Background

This preview shows how the RGB color 178, 233, 252 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



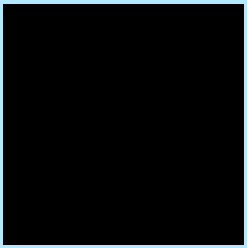
This preview shows how the RGB color 178, 233, 252 looks on a black background.

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 178, 233, 252 Background



This preview shows how black text looks on a background with the RGB color 178, 233, 252.

This preview shows how white text looks on a background with the RGB color 178, 233, 252.

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
178, 233, 252

Protanopia
221, 222, 245

Deuteranopia
230, 218, 255

Tritanopia
178, 233, 252

Trichromacy

Original Color
178, 233, 252

Protanomaly
205, 226, 248

Deuteranomaly
211, 223, 254

Tritanomaly
178, 233, 252

Monochromacy

Original Color
178, 233, 252

Achromatopsia
219, 219, 219

Achromatomaly
204, 224, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 233, 252 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(178, 233, 252) looks like.

```
.text, #text, p{
    color:rgb(178, 233, 252)
}
```

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(178, 233, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 233, 252) }
```

Border

The CSS property to change the border of an element to RGB 178, 233, 252 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(178, 233, 252) }
```

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

```
.border{ border-color:rgb(178, 233, 252) }
```

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

Here you see how a box with a 4 pixel rgb(178, 233, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 233, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 233, 252); box-shadow:4px 4px 4px 4px rgb(178, 233, 252) }
```

Background

The CSS property to change the background color of an element to RGB 178, 233, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(178, 233, 252) }
```

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

```
.background{ background-color:rgb(178,
233, 252) }
```

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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