Converting Colors

RGB(120, 209, 225)

Have a look what the booklet for RGB(120, 209, 225) contains.

Color

RGB(120, 209, 225)

Conversions

Conversions Part 1

Format	Color
Hex	78D1E1
RGB	120, 209, 225
RGB Percent	47%, 82%, 88%
CMY	0.5294, 0.1804, 0.1176
CMYK	0.47, 0.07, 0.00, 0.12
HSL	189°, 64%, 68%
HSV	189°, 47%, 88%
XYZ	44.1368, 55.0302, 79.5298
YIQ	184.2130, -58.1800, -13.8920

Conversions

Conversions Part 2

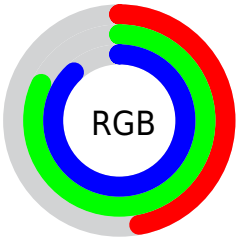
Format	Color
RYB	120, 168, 225
Decimal	7918049
CIELab	79.06, -22.55, -16.22
CIELCh	79, 27.775, 215.736
Yxy	55.0302, 0.2470, 0.3080
Android (android.graphics.Color)	4286108129 (0xFF78D1E1)
YUV	184.2130, 20.1080, -56.3148
Hunter-Lab	74.1824, -23.6158, -11.6363

Details

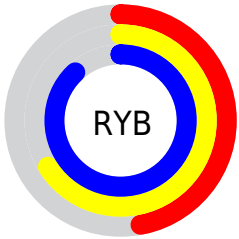
The RGB color 120, 209, 225 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 225, 136, 120, and the grayscale version is 184, 184, 184.

A 20% lighter version of the original color is 178, 255, 255, and 60, 154, 170 is the 20% darker color. If you saturate the color by 10%, you get 98, 206, 225, and if you desaturate by 10%, it is 142, 212, 225.

Distribution

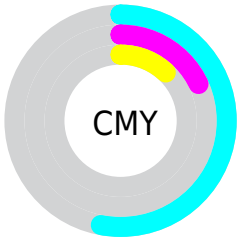


- Red (47%)
- Green (82%)
- Blue (88%)



- Red (47%)
- Yellow (66%)
- Blue (88%)

- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (53%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 209, 225 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 120, 209, 225 by changing the saturation by 10% instead.

120, 209, 225

255, 255, 255

178, 255, 255

207, 255, 255

237, 255, 255

120, 209, 225

91, 181, 197

60, 154, 170

22, 128, 143

0, 103, 118

0, 79, 93

0, 55, 69

0, 34, 47

0, 1, 27

0, 0, 0

120, 209, 225	120, 209, 225
98, 206, 225	142, 212, 225
75, 202, 225	165, 216, 225
53, 199, 225	188, 219, 225
30, 195, 225	210, 223, 225
8, 192, 225	233, 226, 225
0, 191, 225	255, 230, 225
	255, 233, 225
	255, 236, 225
	255, 240, 225

Harmonies

Analogous

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

128, 210, 200

120, 209, 225

137, 204, 242

Triad

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

120, 209, 225

233, 180, 218

210, 196, 144

Complementary

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

120, 209, 225

225, 136, 120

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.

233, 187, 149

120, 209, 225

247, 177, 192

Square

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

120, 209, 225

206, 187, 238

247, 180, 167

181, 203, 153

Rectangle

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

120, 209, 225

159, 199, 247

247, 180, 167

218, 193, 144

Sweetspot

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

120, 209, 225

219, 250, 255

120, 225, 136

106, 124, 128

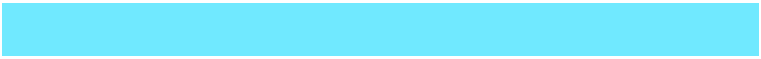
0, 0, 0

128, 128, 128

Same Dimension

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

120, 209, 225



112, 233, 255

120, 157, 225

101, 110, 112

0, 149, 176

0, 41, 48

Inverse Universe

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

225, 120, 209

255, 112, 233

225, 188, 120

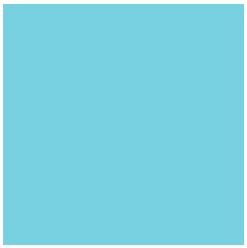
112, 101, 110

176, 0, 149

48, 0, 41

Previews

White Background

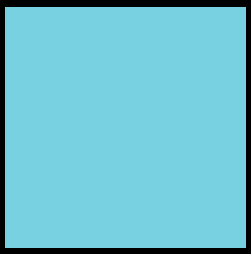


This preview shows how the RGB color 120, 209, 225 looks on a white background.

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



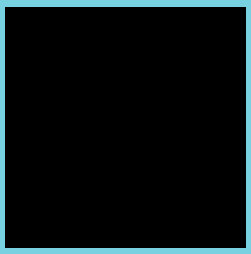
This preview shows how the RGB color 120, 209, 225 looks on a black background.

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 120, 209, 225 Background



This preview shows how black text looks on a background with the RGB color 120, 209, 225.

This preview shows how white text looks on a background with the RGB color 120, 209, 225.

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

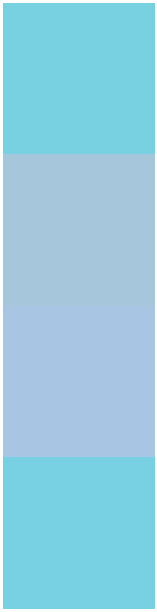
Original Color
120, 209, 225

Protanopia
192, 193, 215

Deuteranopia
197, 190, 229

Tritanopia
120, 209, 226

Trichromacy



Original Color
120, 209, 225

Protanomaly
166, 199, 219

Deuteranomaly
169, 197, 228

Tritanomaly
120, 209, 226

Monochromacy

Original Color
120, 209, 225

Achromatopsia
184, 184, 184

Achromatomaly
161, 193, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 209, 225 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(120, 209, 225) looks like.

```
.text, #text, p{
    color:rgb(120, 209, 225)
}
```

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(120, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 209, 225) }
```

Border

The CSS property to change the border of an element to RGB 120, 209, 225 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(120, 209, 225) }
```

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

```
.border{ border-color:rgb(120, 209, 225) }
```

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

Here you see how a box with a 4 pixel rgb(120, 209, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 209, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 209, 225); box-shadow:4px 4px 4px 4px rgb(120, 209, 225) }
```

Background

The CSS property to change the background color of an element to RGB 120, 209, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(120, 209, 225) }
```

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

```
.background{ background-color:rgb(120,
209, 225) }
```

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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