Converting Colors

RGB(90, 211, 225)

Have a look what the booklet for RGB(90, 211, 225) contains.

Color

RGB(90, 211, 225)

Conversions

Conversions Part 1

Format	Color
Hex	5AD3E1
RGB	90, 211, 225
RGB Percent	35%, 83%, 88%
CMY	0.6471, 0.1725, 0.1176
CMYK	0.60, 0.06, 0.00, 0.12
HSL	186°, 69%, 62%
HSV	186°, 60%, 88%
XYZ	41.1013, 54.1984, 79.5292
YIQ	176.4170, -76.6100, -21.2980

Conversions

Conversions Part 2

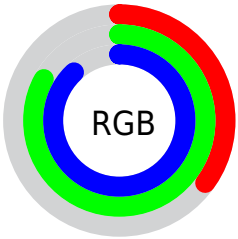
Format	Color
RYB	90, 154, 225
Decimal	5952481
CIELab	78.58, -29.56, -17.05
CIELCh	79, 34.124, 209.980
Yxy	54.1984, 0.2351, 0.3100
Android (android.graphics.Color)	4284142561 (0xFF5AD3E1)
YUV	176.4170, 23.9514, -75.7877
Hunter-Lab	73.6196, -29.1789, -12.5157

Details

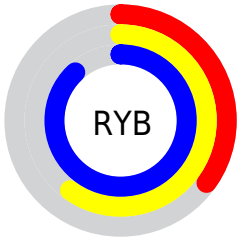
The RGB color 90, 211, 225 is a light color, and the websafe version is hex 66CCCC. The color can be described as light muted cyan. A complement of this color would be 225, 104, 90, and the grayscale version is 176, 176, 176.

A 20% lighter version of the original color is 152, 255, 255, and 0, 156, 170 is the 20% darker color. If you saturate the color by 10%, you get 68, 209, 225, and if you desaturate by 10%, it is 113, 213, 225.

Distribution

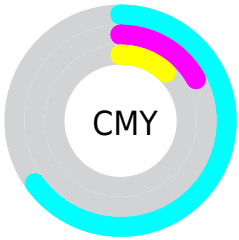


- Red (35%)
- Green (83%)
- Blue (88%)



- Red (35%)
- Yellow (60%)
- Blue (88%)

- Cyan (60%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (65%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 211, 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 90, 211, 225 by changing the saturation by 10% instead.

90, 211, 225	90, 211, 225
255, 255, 255	54, 183, 197
152, 255, 255	0, 156, 170
182, 255, 255	0, 130, 143
213, 255, 255	0, 104, 118
243, 255, 255	0, 80, 93
	0, 56, 69
	0, 36, 47
	0, 1, 27
	0, 0, 0

90, 211, 225

68, 209, 225

45, 206, 225

23, 204, 225

0, 202, 225

0, 202, 225

90, 211, 225

113, 213, 225

135, 216, 225

158, 218, 225

180, 220, 225

203, 223, 225

225, 225, 225

248, 227, 225

255, 230, 225

255, 232, 225

Harmonies

Analogous

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

110, 212, 193

90, 211, 225

108, 206, 248

Triad

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

90, 211, 225

235, 176, 227

217, 192, 131

Complementary

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

90, 211, 225

225, 104, 90

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.

243, 182, 141

90, 211, 225

255, 171, 196

Square

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

90, 211, 225

199, 186, 249

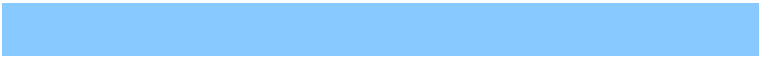
255, 173, 164

183, 202, 139

Rectangle

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

90, 211, 225



136, 201, 255

255, 173, 164

226, 189, 132

Sweetspot

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

90, 211, 225

209, 250, 255

90, 225, 103

99, 125, 128

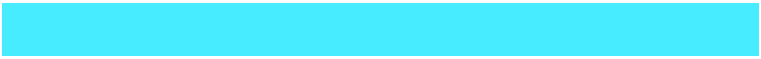
0, 0, 0

128, 128, 128

Same Dimension

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

90, 211, 225



71, 236, 255

90, 144, 225

101, 111, 112

0, 158, 176

0, 43, 48

Inverse Universe

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

225, 90, 211

255, 71, 236

225, 171, 90

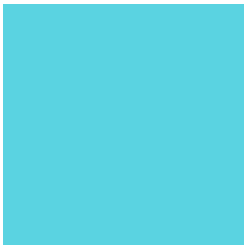
112, 101, 111

176, 0, 158

48, 0, 43

Previews

White Background

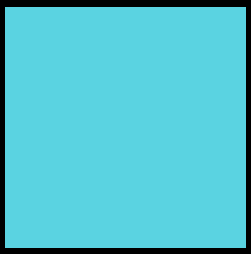


This preview shows how the RGB color 90, 211, 225 looks on a white background.

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



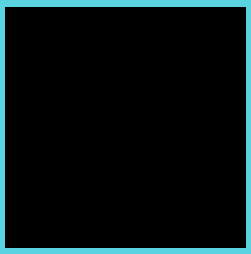
This preview shows how the RGB color 90, 211, 225 looks on a black background.

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 90, 211, 225 Background



This preview shows how black text looks on a background with the RGB color 90, 211, 225.

This preview shows how white text looks on a background with the RGB color 90, 211, 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

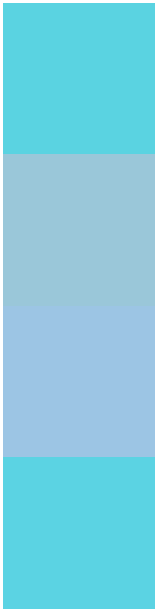
Original Color
90, 211, 225

Protanopia
191, 192, 213

Deuteranopia
194, 189, 230

Tritanopia
91, 211, 228

Trichromacy



Original Color
90, 211, 225

Protanomaly
154, 199, 217

Deuteranomaly
156, 197, 228

Tritanomaly
91, 211, 227

Monochromacy

Original Color
90, 211, 225

Achromatopsia
176, 176, 176

Achromatomaly
145, 189, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 211, 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(90, 211, 225) looks like.

```
.text, #text, p{
    color:rgb(90, 211, 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(90, 211, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 211, 225) }
```

Border

The CSS property to change the border of an element to RGB 90, 211, 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(90, 211, 225) }
```

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

```
.border{ border-color:rgb(90, 211, 225) }
```

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

Here you see how a box with a 4 pixel rgb(90, 211, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(90, 211, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(90, 211, 225); box-shadow:4px 4px 4px 4px rgb(90, 211, 225) }
```

Background

The CSS property to change the background color of an element to RGB 90, 211, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(90, 211, 225) }
```

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

```
.background{ background-color:rgb(90, 211,
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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