

Converting Colors

RGB(90, 223, 199)

Have a look what the booklet for
RGB(90, 223, 199) contains.

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Color

RGB(90, 223, 199)

Conversions

Conversions Part 1

Format	Color
Hex	5ADFC7
RGB	90, 223, 199
RGB Percent	35%, 87%, 78%
CMY	0.6471, 0.1255, 0.2196
CMYK	0.60, 0.00, 0.11, 0.13
HSL	169°, 68%, 61%
HSV	169°, 60%, 87%
XYZ	40.9129, 59.0725, 63.2786
YIQ	180.4970, -71.5640, -35.6600

Conversions

Conversions Part 2

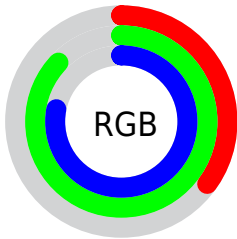
Format	Color
RYB	90, 163, 223
Decimal	5955527
CIELab	81.33, -42.01, 0.91
CIELCh	81, 42.018, 178.758
Yxy	59.0725, 0.2506, 0.3618
Android (android.graphics.Color)	4284145607 (0xFF5ADFC7)
YUV	180.4970, 9.1220, -79.3659
Hunter-Lab	76.8587, -39.4846, 4.9869

Details

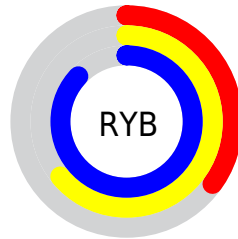
The RGB color **90, 223, 199** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **223, 90, 114**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **152, 255, 255**, and **0, 167, 145** is the 20% darker color. If you saturate the color by 10%, you get **68, 223, 195**, and if you desaturate by 10%, it is **112, 223, 203**.

Distribution



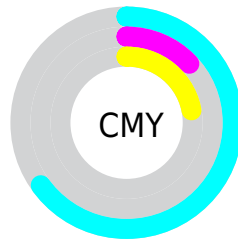
- Red (35%)
- Green (87%)
- Blue (78%)



- Red (35%)
- Yellow (64%)
- Blue (87%)



- Cyan (60%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



















- Cyan (65%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 223, 199 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, 223, 199 by changing the saturation by 10% instead.

 90, 223, 199	 90, 223, 199
 255, 255, 255	 55, 195, 172
 152, 255, 255	 0, 167, 145
 182, 255, 255	 0, 140, 120
 212, 255, 255	 0, 114, 95
 242, 255, 255	 0, 89, 71
	 0, 64, 49
	 0, 42, 28
	 0, 9, 2
	 0, 0, 0

■ 90, 223, 199

■ 90, 223, 199

■ 68, 223, 195

■ 112, 223, 203

■ 45, 223, 191

■ 135, 223, 207

■ 23, 223, 187

■ 157, 223, 211

■ 1, 223, 183

■ 179, 223, 215

■ 0, 223, 183

■ 202, 223, 219

■ 224, 223, 223

■ 246, 223, 227

■ 255, 223, 231

■ 255, 223, 235

Harmonies

Analogous

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



142, 219, 160



90, 223, 199



41, 222, 239

Triad

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



90, 223, 199



204, 192, 255



255, 185, 136

Complementary

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



90, 223, 199



223, 90, 114

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.



255, 175, 166



90, 223, 199



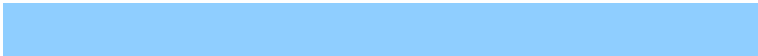
250, 179, 243

Square

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



90, 223, 199



143, 206, 255



255, 172, 205



230, 199, 123

Rectangle

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



90, 223, 199



53, 219, 255



255, 172, 205



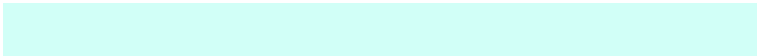
255, 181, 144

Sweetspot

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



90, 223, 199



209, 255, 247



114, 223, 90



99, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



90, 223, 199



71, 255, 222



90, 181, 223



101, 112, 110



0, 176, 144



0, 48, 40

Inverse Universe

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



223, 90, 114



255, 71, 105



223, 132, 90



112, 101, 103



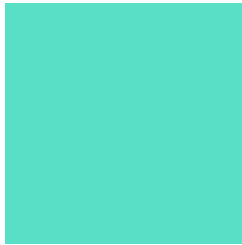
176, 0, 32



48, 0, 9

Previews

White Background



This preview shows how the RGB color 90, 223, 199 looks on a white background.

Color Contrast Check

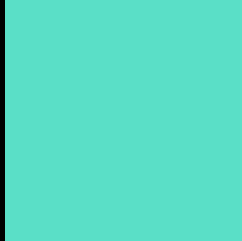
Large Text (above 18pt) WCAG AA × Fail

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, 223, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

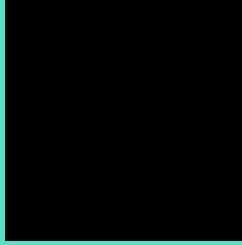
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

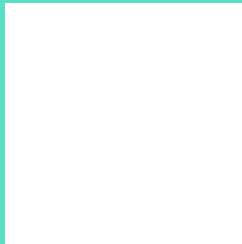
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 90, 223, 199 Background



This preview shows how black text looks on a background with the RGB color 90, 223, 199.



This preview shows how white text looks on a background with the RGB color 90, 223, 199.

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





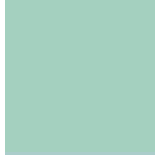
Tritanopia
104, 218, 235

Trichromacy



Original Color

90, 223, 199



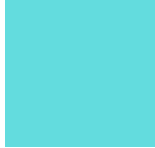
Protanomaly

164, 208, 191



Deuteranomaly

171, 205, 203



Tritanomaly

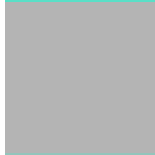
99, 220, 222

Monochromacy



Original Color

90, 223, 199



Achromatopsia

180, 180, 180



Achromatomaly

147, 196, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 223, 199 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, 223, 199)` looks like.

```
.text, #text, p{  
    color:rgb(90, 223, 199)  
}
```

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, 223, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 223, 199) }
```

Border

The CSS property to change the border of an element to RGB 90, 223, 199 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, 223, 199) }
```

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

```
.border{ border-color:rgb(90, 223, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 223, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 223, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 223, 199);  
box-shadow:4px 4px 4px 4px rgb(90, 223,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 90, 223, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 223, 199) }
```

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

```
.background{ background-color: rgb(90, 223,  
199) }
```

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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