

Converting Colors

RGB(90, 226, 196)

Have a look what the booklet for
RGB(90, 226, 196) contains.

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Color

RGB(90, 226, 196)

Conversions

Conversions Part 1

Format	Color
Hex	5AE2C4
RGB	90, 226, 196
RGB Percent	35%, 89%, 77%
CMY	0.6471, 0.1137, 0.2314
CMYK	0.60, 0.00, 0.13, 0.11
HSL	167°, 70%, 62%
HSV	167°, 60%, 89%
XYZ	41.3766, 60.5519, 61.7315
YIQ	181.9160, -71.4260, -38.1620

Conversions

Conversions Part 2

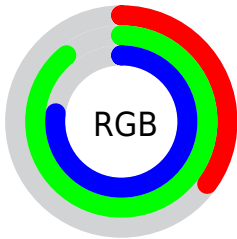
Format	Color
RYB	90, 166, 226
Decimal	5956292
CIELab	82.14, -44.06, 3.67
CIElCh	82, 44.214, 175.237
Yxy	60.5519, 0.2528, 0.3700
Android (android.graphics.Color)	4284146372 (0xFF5AE2C4)
YUV	181.9160, 6.9434, -80.6103
Hunter-Lab	77.8151, -41.2626, 7.4352

Details

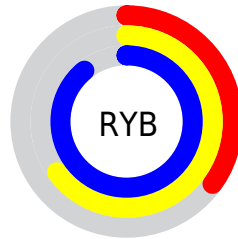
The RGB color **90, 226, 196** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted cyan. A complement of this color would be **226, 90, 120**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **152, 255, 253**, and **0, 170, 142** is the 20% darker color. If you saturate the color by 10%, you get **67, 226, 191**, and if you desaturate by 10%, it is **113, 226, 201**.

Distribution



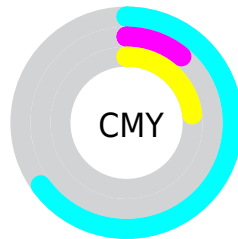
- Red (35%)
- Green (89%)
- Blue (77%)



- Red (35%)
- Yellow (65%)
- Blue (89%)



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



















- Cyan (65%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 226, 196 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, 226, 196 by changing the saturation by 10% instead.

 90, 226, 196	 90, 226, 196
 255, 255, 255	 55, 198, 169
 152, 255, 253	 0, 170, 142
 182, 255, 255	 0, 143, 117
 212, 255, 255	 0, 117, 92
 243, 255, 255	 0, 91, 69
	 0, 66, 47
	 0, 44, 26
	 0, 14, 0
	 0, 0, 0

 90, 226, 196

 90, 226, 196

 67, 226, 191

 113, 226, 201

 45, 226, 186

 135, 226, 206

 22, 226, 181

 158, 226, 211

 0, 226, 176

 180, 226, 216

 203, 226, 221

 226, 226, 226

 248, 226, 231

 255, 226, 236

 255, 226, 241

Harmonies

Analogous

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



147, 221, 156



90, 226, 196



8, 226, 238

Triad

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



90, 226, 196



199, 196, 255



255, 185, 137

Complementary

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



90, 226, 196



226, 90, 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.



255, 174, 171



90, 226, 196



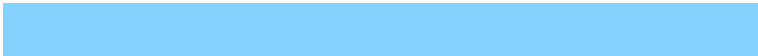
250, 181, 252

Square

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



90, 226, 196



131, 210, 255



255, 172, 213



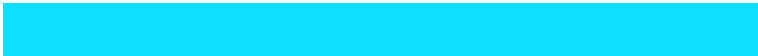
237, 200, 121

Rectangle

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



90, 226, 196



14, 223, 255



255, 172, 213



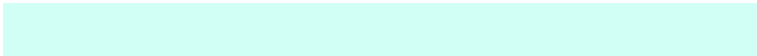
255, 181, 147

Sweetspot

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



90, 226, 196



209, 255, 245



122, 226, 90



99, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



90, 226, 196



71, 255, 214



90, 190, 226



101, 112, 110



0, 176, 137



0, 48, 38

Inverse Universe

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



226, 90, 120



255, 71, 112



226, 126, 90



112, 101, 103



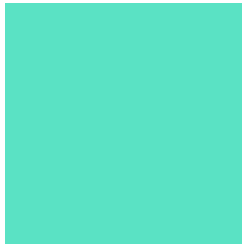
176, 0, 39



48, 0, 11

Previews

White Background



This preview shows how the RGB color 90, 226, 196 looks on a white background.

Color Contrast Check

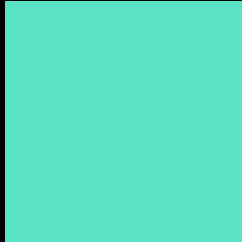
Large Text (above 18pt) WCAG AA × Fail

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, 226, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

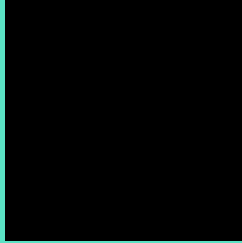
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

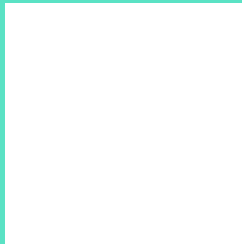
Any Text WCAG AAA ✓ Pass

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

RGB 90, 226, 196 Background



This preview shows how black text looks on a background with the RGB color 90, 226, 196.

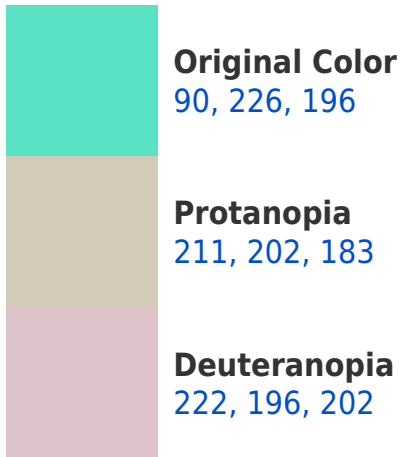


This preview shows how white text looks on a background with the RGB color 90, 226, 196.

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
106, 220, 238

Trichromacy



Original Color

90, 226, 196



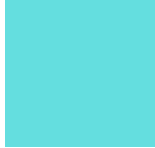
Protanomaly

167, 211, 188



Deuteranomaly

174, 207, 200



Tritanomaly

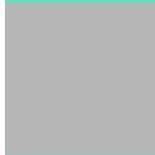
100, 222, 223

Monochromacy



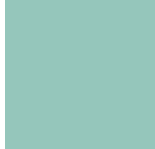
Original Color

90, 226, 196



Achromatopsia

182, 182, 182



Achromatomaly

149, 198, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 226, 196 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, 226, 196)` looks like.

```
.text, #text, p{  
    color:rgb(90, 226, 196)  
}
```

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, 226, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 226, 196) }
```

Border

The CSS property to change the border of an element to RGB 90, 226, 196 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, 226, 196) }
```

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

```
.border{ border-color:rgb(90, 226, 196) }
```

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

Here you see how a box with a 4 pixel rgb(90, 226, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 226, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 226, 196);  
box-shadow:4px 4px 4px 4px rgb(90, 226,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 90, 226, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 226, 196) }
```

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

```
.background{ background-color: rgb(90, 226,  
196) }
```

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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