

Converting Colors

RGB(95, 206, 165)

Have a look what the booklet for
RGB(95, 206, 165) contains.

RGB(95, 206, 165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(95, 206, 165)

Conversions

Conversions Part 1

Format	Color
Hex	5FCEA5
RGB	95, 206, 165
RGB Percent	37%, 81%, 65%
CMY	0.6275, 0.1922, 0.3529
CMYK	0.54, 0.00, 0.20, 0.19
HSL	158°, 53%, 59%
HSV	158°, 54%, 81%
XYZ	33.5822, 49.2921, 43.3417
YIQ	168.1370, -52.9950, -36.2830

Conversions

Conversions Part 2

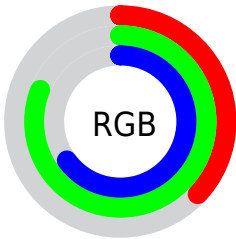
Format	Color
RYB	95, 163, 206
Decimal	6278821
CIELab	75.63, -41.49, 10.87
CIELCh	76, 42.891, 165.326
Yxy	49.2921, 0.2661, 0.3905
Android (android.graphics.Color)	4284468901 (0xFF5FCEA5)
YUV	168.1370, -1.5465, -64.1411
Hunter-Lab	70.2083, -37.4842, 12.5444

Details

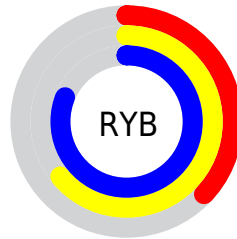
The RGB color **95, 206, 165** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **206, 95, 136**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **153, 255, 220**, and **28, 151, 113** is the 20% darker color. If you saturate the color by 10%, you get **74, 206, 157**, and if you desaturate by 10%, it is **116, 206, 173**.

Distribution



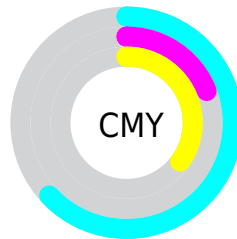
- Red (37%)
- Green (81%)
- Blue (65%)



- Red (37%)
- Yellow (64%)
- Blue (81%)



- Cyan (54%)
- Magenta (0%)
- Yellow (20%)
- Black (19%)



- Cyan (63%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 206, 165 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 95, 206, 165 by changing the saturation by 10% instead.



95, 206, 165



95, 206, 165

255, 255, 255



65, 178, 139



153, 255, 220



28, 151, 113



182, 255, 249



0, 124, 89



211, 255, 255



0, 99, 65



241, 255, 255



0, 74, 43



0, 50, 22



0, 28, 0



0, 0, 0



95, 206, 165



95, 206, 165

 74, 206, 157

 116, 206, 173

 54, 206, 150

 136, 206, 180

 33, 206, 142

 157, 206, 188

 13, 206, 135

 177, 206, 195

 0, 206, 130

 198, 206, 203

 219, 206, 211

 239, 206, 218

 255, 206, 226

 255, 206, 233

Harmonies

Analogous

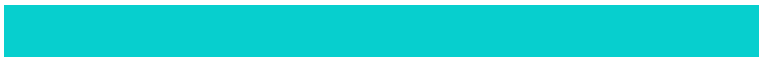
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



147, 200, 129



95, 206, 165



7, 207, 206

Triad

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



95, 206, 165



161, 183, 255



254, 164, 132

Complementary

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



95, 206, 165



206, 95, 136

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, 156, 167



95, 206, 165



216, 169, 242

Square

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



95, 206, 165



89, 196, 255



251, 157, 207



229, 177, 110

Rectangle

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



95, 206, 165



0, 206, 231



251, 157, 207



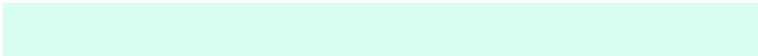
255, 160, 143

Sweetspot

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



95, 206, 165



214, 255, 240



138, 206, 95



103, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



95, 206, 165



89, 255, 194



95, 193, 206



92, 102, 98



0, 166, 105



0, 38, 24

Inverse Universe

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



206, 95, 136



255, 89, 150



206, 108, 95



102, 92, 96



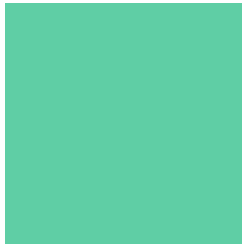
166, 0, 61



38, 0, 14

Previews

White Background



This preview shows how the RGB color 95, 206, 165 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 95, 206, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

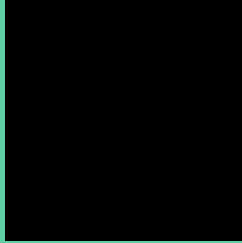
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

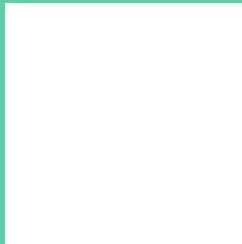
Any Text WCAG AAA ✓ Pass

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

RGB 95, 206, 165 Background



This preview shows how black text looks on a background with the RGB color 95, 206, 165.

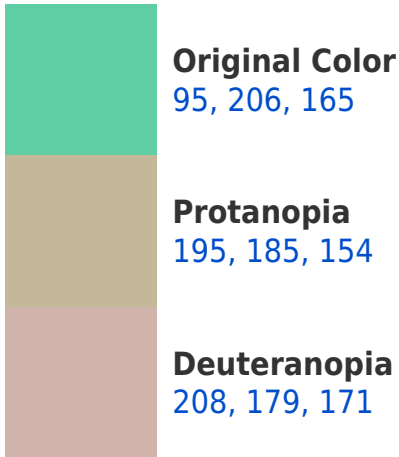


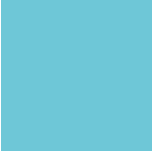
This preview shows how white text looks on a background with the RGB color 95, 206, 165.

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
110, 199, 215

Trichromacy



Original Color

95, 206, 165



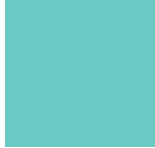
Protanomaly

159, 193, 158



Deuteranomaly

167, 189, 169



Tritanomaly

105, 202, 197

Monochromacy



Original Color

95, 206, 165



Achromatopsia

168, 168, 168



Achromatomaly

141, 182, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 206, 165 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(95, 206, 165)` looks like.

```
.text, #text, p{  
    color:rgb(95, 206, 165)  
}
```

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(95, 206, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 206, 165) }
```

Border

The CSS property to change the border of an element to RGB 95, 206, 165 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(95, 206, 165) }
```

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

```
.border{ border-color:rgb(95, 206, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 206, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 206, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 206, 165);  
box-shadow:4px 4px 4px 4px rgb(95, 206,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 95, 206, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 206, 165) }
```

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

```
.background{ background-color: rgb(95, 206,  
165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor