

Converting Colors

RGB(95, 201, 170)

Have a look what the booklet for
RGB(95, 201, 170) contains.

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Color

RGB(95, 201, 170)

Conversions

Conversions Part 1

Format	Color
Hex	5FC9AA
RGB	95, 201, 170
RGB Percent	37%, 79%, 67%
CMY	0.6275, 0.2118, 0.3333
CMYK	0.53, 0.00, 0.15, 0.21
HSL	162°, 50%, 58%
HSV	162°, 53%, 79%
XYZ	32.8617, 47.1085, 45.3911
YIQ	165.7720, -53.2250, -32.1130

Conversions

Conversions Part 2

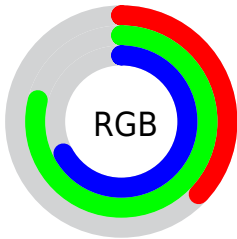
Format	Color
RYB	95, 157, 201
Decimal	6277546
CIELab	74.26, -38.12, 6.21
CIELCh	74, 38.621, 170.742
Yxy	47.1085, 0.2621, 0.3758
Android (android.graphics.Color)	4284467626 (0xFF5FC9AA)
YUV	165.7720, 2.0844, -62.0670
Hunter-Lab	68.6356, -34.6493, 8.8344

Details

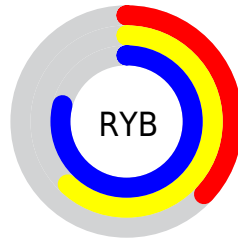
The RGB color **95, 201, 170** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **201, 95, 126**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **152, 255, 225**, and **29, 146, 118** is the 20% darker color. If you saturate the color by 10%, you get **75, 201, 164**, and if you desaturate by 10%, it is **115, 201, 176**.

Distribution



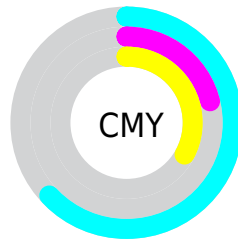
- Red (37%)
- Green (79%)
- Blue (67%)



- Red (37%)
- Yellow (62%)
- Blue (79%)



- Cyan (53%)
- Magenta (0%)
- Yellow (15%)
- Black (21%)



- Cyan (63%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 201, 170 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, 201, 170 by changing the saturation by 10% instead.

 95, 201, 170

255, 255, 255


 152, 255, 225


 181, 255, 254


 211, 255, 255

 240, 255, 255

 95, 201, 170

 65, 173, 144

 29, 146, 118

 0, 120, 93

 0, 95, 70

 0, 70, 47

 0, 47, 27

 0, 24, 0

 0, 0, 0

 95, 201, 170

 95, 201, 170

■ 75, 201, 164

■ 115, 201, 176

■ 55, 201, 158

■ 135, 201, 182

■ 35, 201, 152

■ 155, 201, 188

■ 15, 201, 146

■ 175, 201, 194

■ 0, 201, 142

■ 196, 201, 199

■ 216, 201, 205

■ 236, 201, 211

■ 255, 201, 217

■ 255, 201, 223

Harmonies

Analogous

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



140, 196, 137



95, 201, 170



48, 201, 206

Triad

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



95, 201, 170



171, 177, 249



241, 165, 129

Complementary

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



95, 201, 170



201, 95, 126

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.



252, 156, 159



95, 201, 170



217, 165, 228

Square

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



95, 201, 170



113, 189, 252



244, 156, 195



216, 177, 112

Rectangle

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



95, 201, 170



41, 199, 228



244, 156, 195



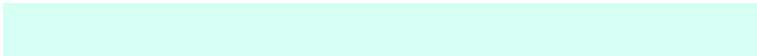
247, 161, 138

Sweetspot

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



95, 201, 170



214, 255, 243



127, 201, 95



103, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



95, 201, 170



94, 255, 208



95, 180, 201



90, 99, 97



0, 163, 115



0, 36, 25

Inverse Universe

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



201, 95, 126



255, 94, 141



201, 116, 95



99, 90, 92



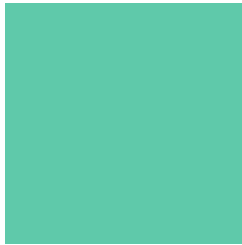
163, 0, 48



36, 0, 10

Previews

White Background



This preview shows how the RGB color 95, 201, 170 looks on a white background.

Color Contrast Check

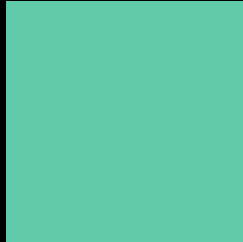
Large Text (above 18pt) WCAG AA × Fail

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, 201, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

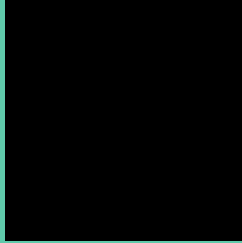
Any Text WCAG AA ✓ Pass

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, 201, 170 Background



This preview shows how black text looks on a background with the RGB color 95, 201, 170.

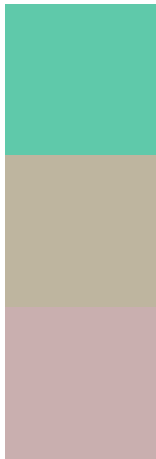


This preview shows how white text looks on a background with the RGB color 95, 201, 170.

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](#).

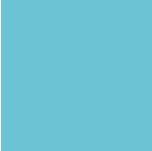
Dichromacy



Original Color
95, 201, 170

Protanopia
190, 181, 159

Deuteranopia
201, 175, 175



Tritanopia
108, 195, 211

Trichromacy



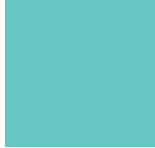
Original Color
95, 201, 170



Protanomaly
155, 188, 163



Deuteranomaly
162, 184, 173



Tritanomaly
103, 197, 196

Monochromacy



Original Color
95, 201, 170



Achromatopsia
166, 166, 166



Achromatomaly
140, 179, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 201, 170 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, 201, 170)` looks like.

```
.text, #text, p{  
    color:rgb(95, 201, 170)  
}
```

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, 201, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 201, 170) }
```

Border

The CSS property to change the border of an element to RGB 95, 201, 170 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, 201, 170) }
```

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

```
.border{ border-color:rgb(95, 201, 170) }
```

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

Here you see how a box with a 4 pixel rgb(95, 201, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 201, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 201, 170);  
box-shadow:4px 4px 4px 4px rgb(95, 201,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 95, 201, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 201, 170) }
```

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

```
.background{ background-color: rgb(95, 201,  
170) }
```

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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