

Converting Colors

RGB(95, 207, 173)

Have a look what the booklet for
RGB(95, 207, 173) contains.

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Color

RGB(95, 207, 173)

Conversions

Conversions Part 1

Format	Color
Hex	5FCFAD
RGB	95, 207, 173
RGB Percent	37%, 81%, 68%
CMY	0.6275, 0.1882, 0.3216
CMYK	0.54, 0.00, 0.16, 0.19
HSL	162°, 54%, 59%
HSV	162°, 54%, 81%
XYZ	34.5750, 50.0757, 47.3784
YIQ	169.6360, -55.8380, -34.3180

Conversions

Conversions Part 2

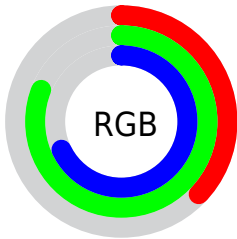
Format	Color
RYB	95, 161, 207
Decimal	6279085
CIELab	76.12, -40.12, 7.27
CIElCh	76, 40.777, 169.737
Yxy	50.0757, 0.2619, 0.3793
Android (android.graphics.Color)	4284469165 (0xFF5FCFAD)
YUV	169.6360, 1.6585, -65.4558
Hunter-Lab	70.7642, -36.6232, 9.8387

Details

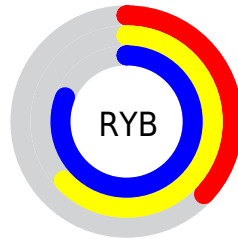
The RGB color **95, 207, 173** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **207, 95, 129**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **153, 255, 228**, and **26, 152, 121** is the 20% darker color. If you saturate the color by 10%, you get **74, 207, 167**, and if you desaturate by 10%, it is **116, 207, 179**.

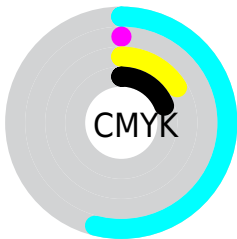
Distribution



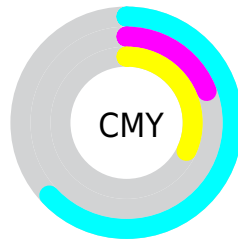
- Red (37%)
- Green (81%)
- Blue (68%)



- Red (37%)
- Yellow (63%)
- Blue (81%)



- Cyan (54%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)



- Cyan (63%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 207, 173 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, 207, 173 by changing the saturation by 10% instead.

 95, 207, 173

255, 255, 255


 153, 255, 228


 182, 255, 255


 212, 255, 255


 241, 255, 255

 95, 207, 173

 64, 179, 146

 26, 152, 121

 0, 125, 96

 0, 100, 72

 0, 75, 50

 0, 51, 29

 0, 30, 3

 0, 0, 0

 95, 207, 173

 95, 207, 173

 74, 207, 167

 116, 207, 179

 54, 207, 160

 136, 207, 186

 33, 207, 154

 157, 207, 192

 12, 207, 148

 178, 207, 198

 0, 207, 144

 199, 207, 204

 219, 207, 211

 240, 207, 217

 255, 207, 223

 255, 207, 230

Harmonies

Analogous

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



144, 202, 138



95, 207, 173



37, 208, 212

Triad

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



95, 207, 173



173, 183, 255



250, 168, 132

Complementary

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



95, 207, 173



207, 95, 129

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, 159, 164



95, 207, 173



222, 169, 237

Square

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



95, 207, 173



110, 195, 255



253, 160, 202



224, 181, 113

Rectangle

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



95, 207, 173



19, 206, 235



253, 160, 202



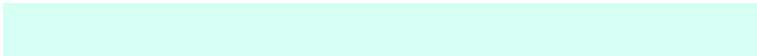
255, 164, 141

Sweetspot

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



95, 207, 173



214, 255, 243



130, 207, 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, 207, 173



89, 255, 205



95, 186, 207



94, 105, 101



0, 168, 117



0, 41, 28

Inverse Universe

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



207, 95, 129



255, 89, 140



207, 116, 95



105, 94, 97



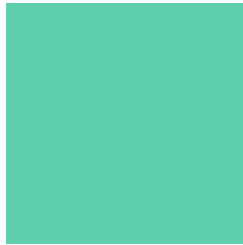
168, 0, 51



41, 0, 12

Previews

White Background



This preview shows how the RGB color 95, 207, 173 looks on a white background.

Color Contrast Check

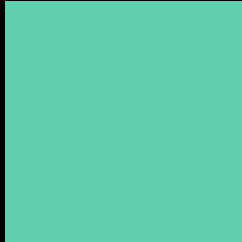
Large Text (above 18pt) WCAG AA × Fail

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, 207, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

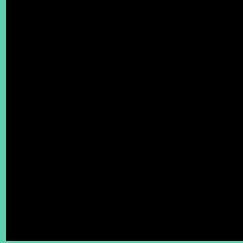
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

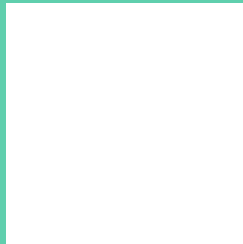
Any Text WCAG AAA ✓ Pass

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

RGB 95, 207, 173 Background



This preview shows how black text looks on a background with the RGB color 95, 207, 173.

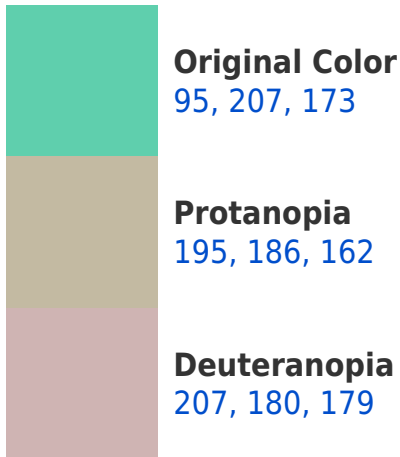


This preview shows how white text looks on a background with the RGB color 95, 207, 173.

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](#).

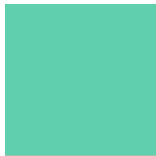
Dichromacy





Tritanopia
109, 201, 217

Trichromacy



Original Color

95, 207, 173



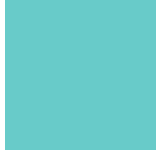
Protanomaly

159, 194, 166



Deuteranomaly

166, 190, 177



Tritanomaly

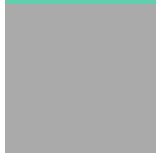
104, 203, 201

Monochromacy



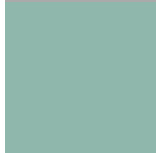
Original Color

95, 207, 173



Achromatopsia

170, 170, 170



Achromatomaly

143, 183, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 207, 173 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, 207, 173)` looks like.

```
.text, #text, p{  
    color:rgb(95, 207, 173)  
}
```

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, 207, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 207, 173) }
```

Border

The CSS property to change the border of an element to RGB 95, 207, 173 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, 207, 173) }
```

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

```
.border{ border-color:rgb(95, 207, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 207, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 207, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 207, 173);  
box-shadow:4px 4px 4px 4px rgb(95, 207,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 95, 207, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 207, 173) }
```

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

```
.background{ background-color: rgb(95, 207,  
173) }
```

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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