

Converting Colors

RGB(85, 199, 194)

Have a look what the booklet for
RGB(85, 199, 194) contains.

RGB(85, 199, 194)	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(85, 199, 194)

Conversions

Conversions Part 1

Format	Color
Hex	55C7C2
RGB	85, 199, 194
RGB Percent	33%, 78%, 76%
CMY	0.6667, 0.2196, 0.2392
CMYK	0.57, 0.00, 0.03, 0.22
HSL	177°, 50%, 56%
HSV	177°, 57%, 78%
XYZ	33.9073, 46.6732, 58.2607
YIQ	164.3440, -66.3390, -25.7230

Conversions

Conversions Part 2

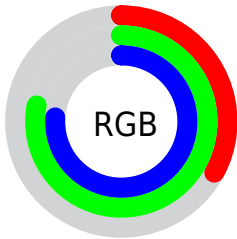
Format	Color
RYB	85, 143, 199
Decimal	5621698
CIELab	73.98, -33.23, -7.23
CIELCh	74, 34.010, 192.274
Yxy	46.6732, 0.2442, 0.3362
Android (android.graphics.Color)	4283811778 (0xFF55C7C2)
YUV	164.3440, 14.6204, -69.5847
Hunter-Lab	68.3178, -30.9633, -2.7394

Details

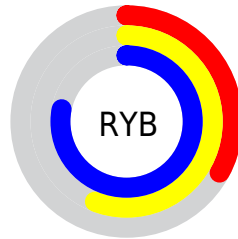
The RGB color **85, 199, 194** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **199, 85, 90**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **145, 255, 250**, and **0, 145, 140** is the 20% darker color. If you saturate the color by 10%, you get **65, 199, 193**, and if you desaturate by 10%, it is **105, 199, 195**.

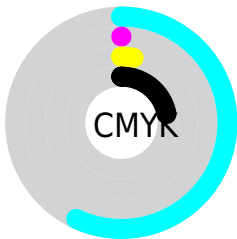
Distribution



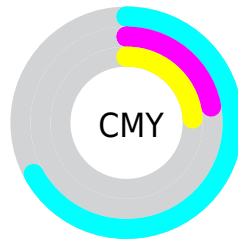
- Red (33%)
- Green (78%)
- Blue (76%)



- Red (33%)
- Yellow (56%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 85, 199, 194 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 85, 199, 194 by changing the saturation by 10% instead.



85, 199, 194



85, 199, 194

255, 255, 255



51, 171, 167



145, 255, 250



0, 145, 140



174, 255, 255



0, 118, 115



204, 255, 255



0, 93, 91



234, 255, 255



0, 69, 67



0, 46, 45



0, 23, 25



0, 0, 0



85, 199, 194



85, 199, 194

■ 65, 199, 193

■ 105, 199, 195

■ 45, 199, 192

■ 125, 199, 196

■ 25, 199, 191

■ 145, 199, 197

■ 5, 199, 191

■ 165, 199, 197

■ 0, 199, 190

■ 185, 199, 198

■ 204, 199, 199

■ 224, 199, 200

■ 244, 199, 201

■ 255, 199, 202

Harmonies

Analogous

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



119, 198, 162



85, 199, 194



78, 197, 223

Triad

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



85, 199, 194



202, 169, 228



220, 174, 123

Complementary

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



85, 199, 194



199, 85, 90

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.



239, 164, 141



85, 199, 194



232, 161, 202

Square

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



85, 199, 194



159, 180, 243



244, 158, 170



191, 184, 120

Rectangle

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



85, 199, 194



97, 193, 236



244, 158, 170



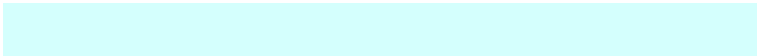
227, 170, 127

Sweetspot

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



85, 199, 194



212, 255, 253



91, 199, 85



102, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



85, 199, 194



79, 255, 247



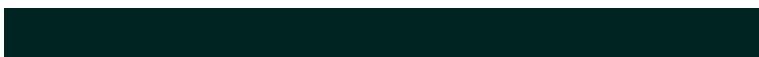
85, 148, 199



90, 99, 99



0, 163, 156



0, 36, 34

Inverse Universe

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



199, 85, 90



255, 79, 87



199, 136, 85



99, 90, 90



163, 0, 7



36, 0, 2

Previews

White Background



This preview shows how the RGB color 85, 199, 194 looks on a white background.

Color Contrast Check

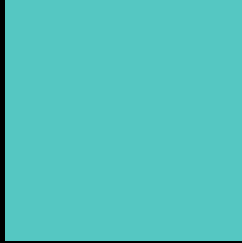
Large Text (above 18pt) WCAG AA × Fail

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 85, 199, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

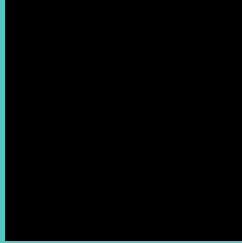
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

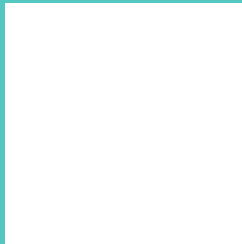
Any Text WCAG AAA ✓ Pass

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

RGB 85, 199, 194 Background



This preview shows how black text looks on a background with the RGB color 85, 199, 194.



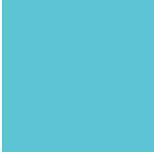
This preview shows how white text looks on a background with the RGB color 85, 199, 194.

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
92, 196, 212

Trichromacy



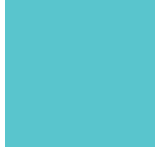
Original Color
85, 199, 194



Protanomaly
147, 187, 187



Deuteranomaly
152, 184, 197



Tritanomaly
89, 197, 205

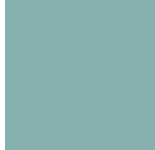
Monochromacy



Original Color
85, 199, 194



Achromatopsia
164, 164, 164



Achromatomaly
135, 177, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 85, 199, 194 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(85, 199, 194)` looks like.

```
.text, #text, p{  
    color:rgb(85, 199, 194)  
}
```

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(85, 199, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 199, 194) }
```

Border

The CSS property to change the border of an element to RGB 85, 199, 194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

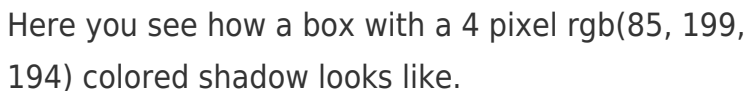
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(85, 199, 194) }
```

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

```
.border{ border-color:rgb(85, 199, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(85, 199, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(85, 199, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(85, 199, 194); box-shadow:4px 4px 4px 4px rgb(85, 199, 194) }
```

Background

The CSS property to change the background color of an element to RGB 85, 199, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 199, 194) }
```

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

```
.background{ background-color: rgb(85, 199,  
194) }
```

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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