

Converting Colors

RGB(85, 207, 154)

Have a look what the booklet for
RGB(85, 207, 154) contains.

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Color

RGB(85, 207, 154)

Conversions

Conversions Part 1

Format	Color
Hex	55CF9A
RGB	85, 207, 154
RGB Percent	33%, 81%, 60%
CMY	0.6667, 0.1882, 0.3961
CMYK	0.59, 0.00, 0.26, 0.19
HSL	154°, 56%, 57%
HSV	154°, 59%, 81%
XYZ	31.8919, 48.8900, 38.3277
YIQ	164.4800, -55.6990, -42.3470

Conversions

Conversions Part 2

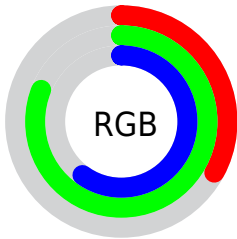
Format	Color
RYB	85, 163, 207
Decimal	5623706
CIELab	75.38, -46.45, 16.34
CIELCh	75, 49.239, 160.617
Yxy	48.8900, 0.2678, 0.4105
Android (android.graphics.Color)	4283813786 (0xFF55CF9A)
YUV	164.4800, -5.1666, -69.7040
Hunter-Lab	69.9214, -40.9468, 16.4449

Details

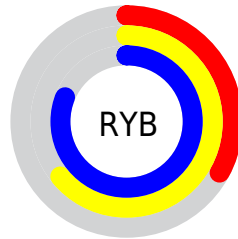
The RGB color **85, 207, 154** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **207, 85, 138**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **144, 255, 209**, and **0, 152, 103** is the 20% darker color. If you saturate the color by 10%, you get **64, 207, 145**, and if you desaturate by 10%, it is **106, 207, 163**.

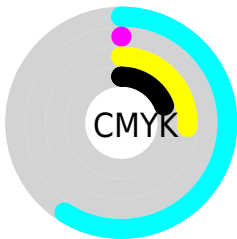
Distribution



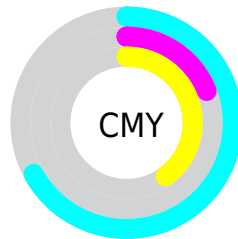
- Red (33%)
- Green (81%)
- Blue (60%)



- Red (33%)
- Yellow (64%)
- Blue (81%)



- Cyan (59%)
- Magenta (0%)
- Yellow (26%)
- Black (19%)



- Cyan (67%)
- Magenta (19%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the RGB color 85, 207, 154 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, 207, 154 by changing the saturation by 10% instead.

 85, 207, 154

 85, 207, 154


255, 255, 255

 52, 179, 128

 144, 255, 209

 0, 152, 103

 174, 255, 237

 0, 125, 79

 203, 255, 255

 0, 99, 55

 233, 255, 255

 0, 74, 34

 0, 51, 12

 0, 27, 0

 0, 0, 0

 85, 207, 154

 85, 207, 154

 64, 207, 145

 106, 207, 163

 44, 207, 136

 126, 207, 172

 23, 207, 127

 147, 207, 181

 2, 207, 118

 168, 207, 190

 0, 207, 117

 188, 207, 199

 209, 207, 208

 230, 207, 217

 251, 207, 226

 255, 207, 235

Harmonies

Analogous

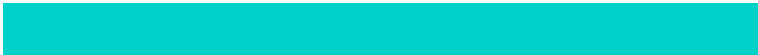
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



148, 200, 115



85, 207, 154



0, 209, 201

Triad

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



85, 207, 154



141, 185, 255



255, 157, 129

Complementary

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



85, 207, 154



207, 85, 138

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, 148, 171



85, 207, 154



211, 168, 255

Square

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



85, 207, 154



0, 199, 255



254, 153, 217



238, 173, 100

Rectangle

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



85, 207, 154



0, 208, 230



254, 153, 217



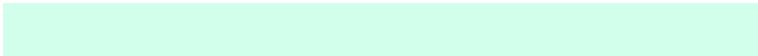
255, 153, 142

Sweetspot

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



85, 207, 154



209, 255, 235



140, 207, 85



99, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



85, 207, 154



74, 255, 176



85, 201, 207



94, 105, 100



0, 168, 95



0, 41, 23

Inverse Universe

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



207, 85, 138



255, 74, 153



207, 91, 85



105, 94, 99



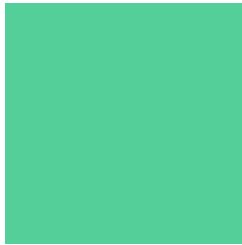
168, 0, 73



41, 0, 18

Previews

White Background



This preview shows how the RGB color 85, 207, 154 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, 207, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

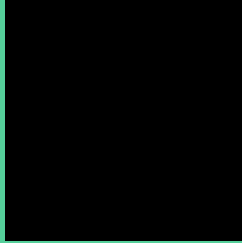
Any Text WCAG AA ✓ Pass

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, 207, 154 Background



This preview shows how black text looks on a background with the RGB color 85, 207, 154.

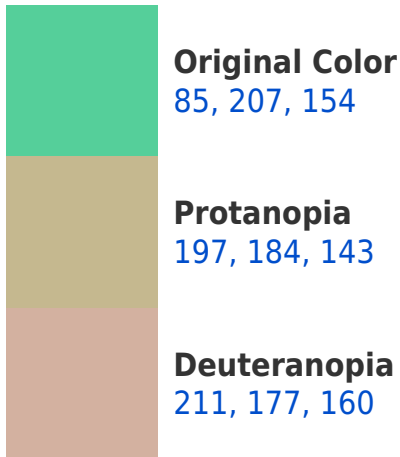


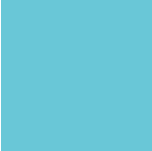
This preview shows how white text looks on a background with the RGB color 85, 207, 154.

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
105, 199, 215

Trichromacy



Original Color

85, 207, 154



Protanomaly

156, 192, 147



Deuteranomaly

165, 188, 158



Tritanomaly

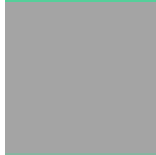
98, 202, 193

Monochromacy



Original Color

85, 207, 154



Achromatopsia

164, 164, 164



Achromatomaly

135, 180, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 85, 207, 154 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, 207, 154) looks like.

```
.text, #text, p{  
    color:rgb(85, 207, 154)  
}
```

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, 207, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 207, 154) }
```

Border

The CSS property to change the border of an element to RGB 85, 207, 154 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, 207, 154) }
```

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

```
.border{ border-color:rgb(85, 207, 154) }
```

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

Here you see how a box with a 4 pixel rgb(85, 207, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 207, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 207, 154);  
box-shadow:4px 4px 4px 4px rgb(85, 207,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 85, 207, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 207, 154) }
```

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

```
.background{ background-color: rgb(85, 207,  
154) }
```

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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