

Converting Colors

RGB(85, 250, 199)

Have a look what the booklet for
RGB(85, 250, 199) contains.

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Color

RGB(85, 250, 199)

Conversions

Conversions Part 1

Format	Color
Hex	55FAC7
RGB	85, 250, 199
RGB Percent	33%, 98%, 78%
CMY	0.6667, 0.0196, 0.2196
CMYK	0.66, 0.00, 0.20, 0.02
HSL	161°, 94%, 66%
HSV	161°, 66%, 98%
XYZ	48.2407, 74.4260, 65.8559
YIQ	194.8510, -81.9690, -50.8410

Conversions

Conversions Part 2

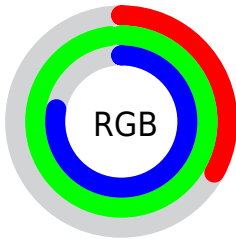
Format	Color
RYB	85, 183, 250
Decimal	5634759
CIELab	89.12, -54.28, 12.11
CIELCh	89, 55.616, 167.424
Yxy	74.4260, 0.2559, 0.3948
Android (android.graphics.Color)	4283824839 (0xFF55FAC7)
YUV	194.8510, 2.0455, -96.3393
Hunter-Lab	86.2705, -51.1598, 15.1294

Details

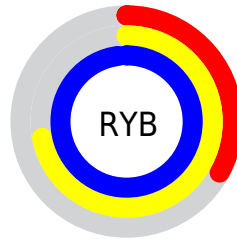
The RGB color **85, 250, 199** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **250, 85, 136**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **151, 255, 255**, and **0, 192, 145** is the 20% darker color. If you saturate the color by 10%, you get **60, 250, 191**, and if you desaturate by 10%, it is **110, 250, 207**.

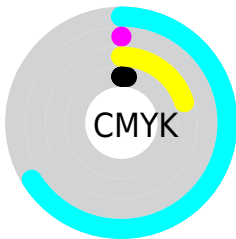
Distribution



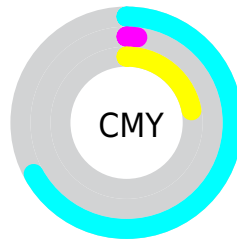
- Red (33%)
- Green (98%)
- Blue (78%)



- Red (33%)
- Yellow (72%)
- Blue (98%)



- Cyan (66%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)



















- Cyan (67%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 85, 250, 199 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, 250, 199 by changing the saturation by 10% instead.

 85, 250, 199	 85, 250, 199
 255, 255, 255	 43, 221, 172
 151, 255, 255	 0, 192, 145
 182, 255, 255	 0, 165, 119
 213, 255, 255	 0, 137, 95
 244, 255, 255	 0, 111, 71
	 0, 85, 48
	 0, 61, 27
	 0, 38, 2
	 0, 0, 0

■ 85, 250, 199

■ 85, 250, 199

■ 60, 250, 191

■ 110, 250, 207

■ 35, 250, 184

■ 135, 250, 214

■ 10, 250, 176

■ 160, 250, 222

■ 0, 250, 173

■ 185, 250, 230

■ 210, 250, 238

■ 235, 250, 245

■ 255, 250, 253

■ 255, 250, 255

Harmonies

Analogous

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



166, 243, 150



85, 250, 199



0, 251, 254

Triad

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



85, 250, 199



194, 219, 255



255, 194, 148

Complementary

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



85, 250, 199



250, 85, 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, 182, 195



85, 250, 199



255, 198, 255

Square

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



85, 250, 199



81, 236, 255



255, 183, 249



255, 213, 119

Rectangle

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



85, 250, 199



0, 249, 255



255, 183, 249



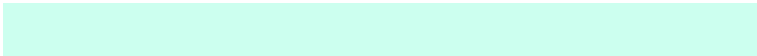
255, 189, 162

Sweetspot

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



85, 250, 199



204, 255, 239



137, 250, 85



97, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



85, 250, 199



54, 255, 193



85, 220, 250



112, 125, 121



0, 189, 130



0, 61, 42

Inverse Universe

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



250, 85, 136



255, 54, 116



250, 115, 85



125, 112, 116



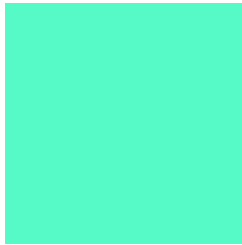
189, 0, 58



61, 0, 19

Previews

White Background



This preview shows how the RGB color 85, 250, 199 looks on a white background.

Color Contrast Check

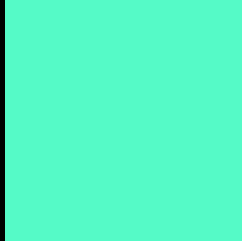
Large Text (above 18pt) WCAG AA × Fail

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, 250, 199 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, 250, 199 Background



This preview shows how black text looks on a background with the RGB color 85, 250, 199.

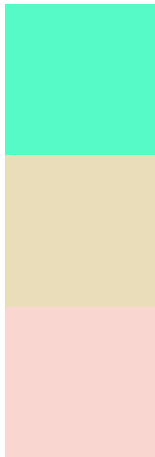


This preview shows how white text looks on a background with the RGB color 85, 250, 199.

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
85, 250, 199

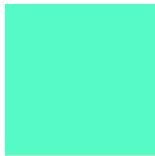
Protanopia
234, 221, 185

Deuteranopia
249, 214, 207



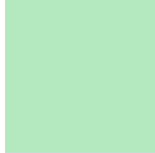
Tritanopia
137, 238, 255

Trichromacy



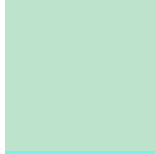
Original Color

85, 250, 199



Protanomaly

180, 232, 190



Deuteranomaly

189, 227, 204



Tritanomaly

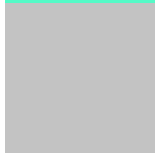
118, 242, 235

Monochromacy



Original Color

85, 250, 199



Achromatopsia

195, 195, 195



Achromatomaly

155, 215, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 85, 250, 199 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, 250, 199)` looks like.

```
.text, #text, p{  
    color:rgb(85, 250, 199)  
}
```

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, 250, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 250, 199) }
```

Border

The CSS property to change the border of an element to RGB 85, 250, 199 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, 250, 199) }
```

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

```
.border{ border-color:rgb(85, 250, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 250, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 250, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 250, 199);  
box-shadow:4px 4px 4px 4px rgb(85, 250,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 85, 250, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 250, 199) }
```

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

```
.background{ background-color: rgb(85, 250,  
199) }
```

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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