

Converting Colors

RGB(85, 250, 172)

Have a look what the booklet for
RGB(85, 250, 172) contains.

RGB(85, 250, 172)	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, 250, 172)

Conversions

Conversions Part 1

Format	Color
Hex	55FAAC
RGB	85, 250, 172
RGB Percent	33%, 98%, 67%
CMY	0.6667, 0.0196, 0.3255
CMYK	0.66, 0.00, 0.31, 0.02
HSL	152°, 94%, 66%
HSV	152°, 66%, 98%
XYZ	45.3783, 73.2811, 50.7827
YIQ	191.7730, -73.3020, -59.2380

Conversions

Conversions Part 2

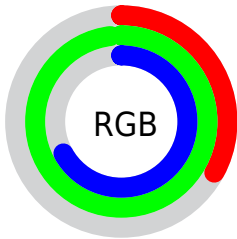
Format	Color
RYB	85, 193, 250
Decimal	5634732
CIELab	88.58, -60.00, 25.21
CIElCh	89, 65.078, 157.207
Yxy	73.2811, 0.2678, 0.4325
Android (android.graphics.Color)	4283824812 (0xFF55FAAC)
YUV	191.7730, -9.7481, -93.6399
Hunter-Lab	85.6044, -55.1859, 24.7507

Details

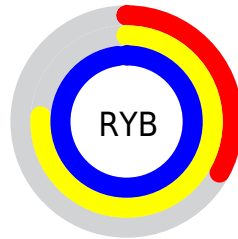
The RGB color **85, 250, 172** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **250, 85, 163**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **151, 255, 228**, and **0, 192, 119** is the 20% darker color. If you saturate the color by 10%, you get **60, 250, 160**, and if you desaturate by 10%, it is **110, 250, 184**.

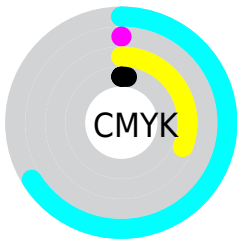
Distribution



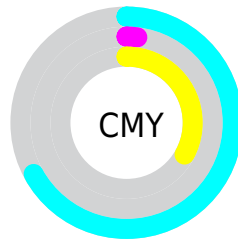
- Red (33%)
- Green (98%)
- Blue (67%)



- Red (33%)
- Yellow (76%)
- Blue (98%)



- Cyan (66%)
- Magenta (0%)
- Yellow (31%)
- Black (2%)



















- Cyan (67%)
- Magenta (2%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 85, 250, 172 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, 172 by changing the saturation by 10% instead.

 85, 250, 172	 85, 250, 172
 255, 255, 255	 43, 221, 145
 151, 255, 228	 0, 192, 119
 182, 255, 255	 0, 164, 94
 213, 255, 255	 0, 137, 70
 244, 255, 255	 0, 111, 47
	 0, 85, 24
	 0, 60, 0
	 0, 36, 0
	 0, 0, 0

 85, 250, 172

 85, 250, 172

 60, 250, 160

 110, 250, 184

 35, 250, 148

 135, 250, 196

 10, 250, 137

 160, 250, 207

 0, 250, 132

 185, 250, 219

 210, 250, 231

 235, 250, 243

 255, 250, 255

 255, 250, 255

Harmonies

Analogous

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



178, 240, 119



85, 250, 172



0, 254, 236

Triad

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



85, 250, 172



139, 224, 255



255, 180, 151

Complementary

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



85, 250, 172



250, 85, 163

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, 169, 210



85, 250, 172



247, 200, 255

Square

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



85, 250, 172



0, 242, 255



255, 177, 255



255, 202, 107

Rectangle

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



85, 250, 172



0, 253, 255



255, 177, 255



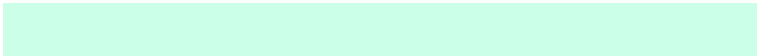
255, 174, 169

Sweetspot

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



85, 250, 172



204, 255, 231



165, 250, 85



97, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



85, 250, 172



54, 255, 160



85, 247, 250



112, 125, 119



0, 189, 99



0, 61, 32

Inverse Universe

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



250, 85, 163



255, 54, 149



250, 88, 85



125, 112, 118



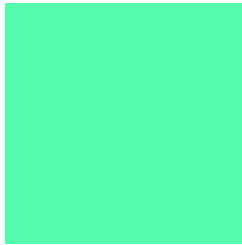
189, 0, 89



61, 0, 29

Previews

White Background



This preview shows how the RGB color 85, 250, 172 looks on a white background.

Color Contrast Check

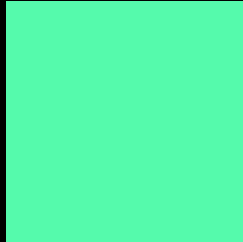
Large Text (above 18pt) WCAG AA × Fail

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, 172 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, 172 Background



This preview shows how black text looks on a background with the RGB color 85, 250, 172.

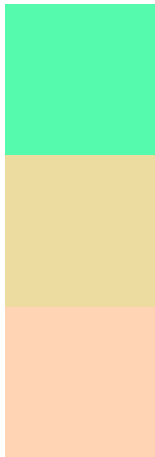


This preview shows how white text looks on a background with the RGB color 85, 250, 172.

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, 172

Protanopia
237, 220, 159

Deuteranopia
255, 212, 181



Tritanopia
131, 237, 255

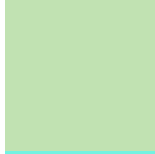
Trichromacy



Original Color
85, 250, 172



Protanomaly
182, 231, 164



Deuteranomaly
193, 226, 178



Tritanomaly
114, 242, 225

Monochromacy



Original Color
85, 250, 172



Achromatopsia
192, 192, 192



Achromatomaly
153, 213, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 85, 250, 172 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(85, 250, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 250, 172) }
```

Border

The CSS property to change the border of an element to RGB 85, 250, 172 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, 172) }
```

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

```
.border{ border-color:rgb(85, 250, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 250, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 250, 172);  
box-shadow:4px 4px 4px 4px rgb(85, 250,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 85, 250, 172 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, 172) }
```

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

```
.background{ background-color: rgb(85, 250,  
172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor