

Converting Colors

RGB(85, 255, 175)

Have a look what the booklet for
RGB(85, 255, 175) contains.

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Color

RGB(85, 255, 175)

Conversions

Conversions Part 1

Format	Color
Hex	55FFAF
RGB	85, 255, 175
RGB Percent	33%, 100%, 69%
CMY	0.6667, 0.0000, 0.3137
CMYK	0.67, 0.00, 0.31, 0.00
HSL	152°, 100%, 67%
HSV	152°, 67%, 100%
XYZ	47.2442, 76.5464, 52.8424
YIQ	195.0500, -75.6400, -60.9200

Conversions

Conversions Part 2

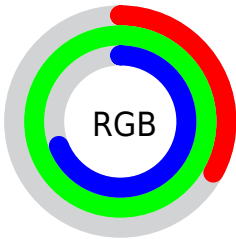
Format	Color
RYB	85, 196, 255
Decimal	5636015
CIELab	90.11, -61.31, 25.78
CIELCh	90, 66.510, 157.192
Yxy	76.5464, 0.2675, 0.4334
Android (android.graphics.Color)	4283826095 (0xFF55FFAF)
YUV	195.0500, -9.8846, -96.5138
Hunter-Lab	87.4908, -56.7207, 25.4338

Details

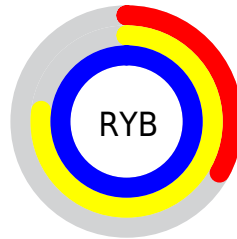
The RGB color **85, 255, 175** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **255, 85, 165**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **151, 255, 231**, and **0, 197, 122** is the 20% darker color. If you saturate the color by 10%, you get **59, 255, 163**, and if you desaturate by 10%, it is **110, 255, 187**.

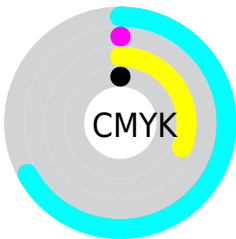
Distribution



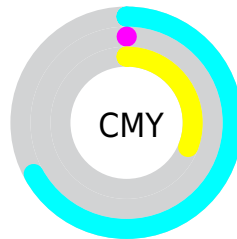
- Red (33%)
- Green (100%)
- Blue (69%)



- Red (33%)
- Yellow (77%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



















- Cyan (67%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 85, 255, 175 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, 255, 175 by changing the saturation by 10% instead.

 85, 255, 175	 85, 255, 175
 255, 255, 255	 42, 226, 148
 151, 255, 231	 0, 197, 122
 183, 255, 255	 0, 169, 97
 214, 255, 255	 0, 142, 72
 245, 255, 255	 0, 115, 49
	 0, 89, 26
	 0, 64, 3
	 0, 40, 0
	 0, 1, 0

■ 85, 255, 175

■ 85, 255, 175

■ 59, 255, 163

■ 110, 255, 187

■ 34, 255, 151

■ 136, 255, 199

■ 8, 255, 139

■ 162, 255, 211

■ 0, 255, 135

■ 187, 255, 223

■ 212, 255, 235

■ 238, 255, 247

255, 255, 255

Harmonies

Analogous

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



181, 245, 121



85, 255, 175



0, 255, 241

Triad

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



85, 255, 175



141, 228, 255



255, 183, 153

Complementary

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



85, 255, 175



255, 85, 165

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, 171, 214



85, 255, 175



251, 204, 255

Square

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



85, 255, 175



0, 247, 255



255, 180, 255



255, 206, 108

Rectangle

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



85, 255, 175



0, 255, 255



255, 180, 255



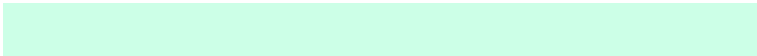
255, 177, 172

Sweetspot

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



85, 255, 175



204, 255, 231



167, 255, 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, 255, 175



51, 255, 159



85, 252, 255



115, 128, 122



0, 191, 101



0, 64, 34

Inverse Universe

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



255, 85, 165



255, 51, 147



255, 88, 85



128, 115, 121



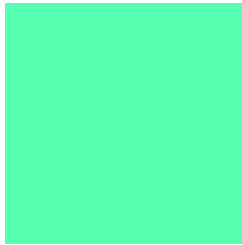
191, 0, 90



64, 0, 30

Previews

White Background



This preview shows how the RGB color 85, 255, 175 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, 255, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

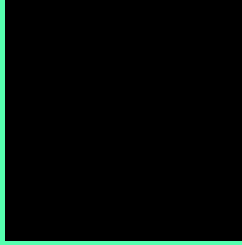
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

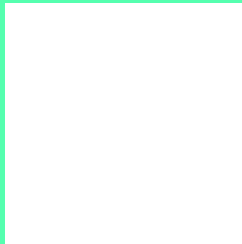
Any Text WCAG AAA ✓ Pass

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

RGB 85, 255, 175 Background



This preview shows how black text looks on a background with the RGB color 85, 255, 175.

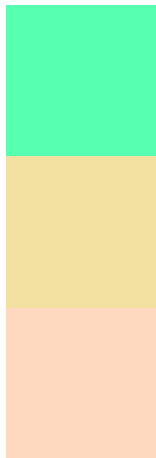


This preview shows how white text looks on a background with the RGB color 85, 255, 175.

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, 255, 175

Protanopia
242, 224, 161

Deuteranopia
255, 217, 191



Tritanopia
152, 239, 255

Trichromacy



Original Color

85, 255, 175



Protanomaly

185, 235, 166



Deuteranomaly

193, 231, 185



Tritanomaly

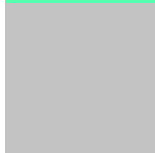
128, 245, 226

Monochromacy



Original Color

85, 255, 175



Achromatopsia

195, 195, 195



Achromatomaly

155, 217, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 85, 255, 175 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, 255, 175)` looks like.

```
.text, #text, p{  
    color:rgb(85, 255, 175)  
}
```

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, 255, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 255, 175) }
```

Border

The CSS property to change the border of an element to RGB 85, 255, 175 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, 255, 175) }
```

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

```
.border{ border-color:rgb(85, 255, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 255, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 255, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 255, 175);  
box-shadow:4px 4px 4px 4px rgb(85, 255,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 85, 255, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 255, 175) }
```

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

```
.background{ background-color: rgb(85, 255,  
175) }
```

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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