

Converting Colors

RGB(88, 229, 154)

Have a look what the booklet for
RGB(88, 229, 154) contains.

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Color

RGB(88, 229, 154)

Conversions

Conversions Part 1

Format	Color
Hex	58E59A
RGB	88, 229, 154
RGB Percent	35%, 90%, 60%
CMY	0.6549, 0.1020, 0.3961
CMYK	0.62, 0.00, 0.33, 0.10
HSL	148°, 73%, 62%
HSV	148°, 62%, 90%
XYZ	37.8765, 60.4464, 40.2429
YIQ	178.2910, -59.9610, -53.2170

Conversions

Conversions Part 2

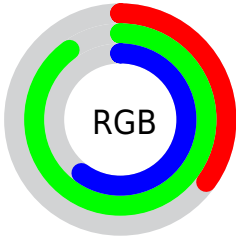
Format	Color
RYB	88, 184, 229
Decimal	5825946
CIELab	82.08, -54.82, 25.57
CIELCh	82, 60.489, 154.988
Yxy	60.4464, 0.2733, 0.4362
Android (android.graphics.Color)	4284016026 (0xFF58E59A)
YUV	178.2910, -11.9755, -79.1852
Hunter-Lab	77.7473, -49.0970, 23.7339

Details

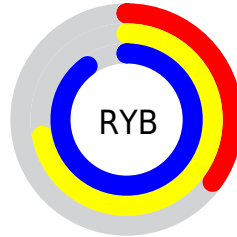
The RGB color **88, 229, 154** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **229, 88, 163**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **150, 255, 209**, and **0, 172, 102** is the 20% darker color. If you saturate the color by 10%, you get **65, 229, 142**, and if you desaturate by 10%, it is **111, 229, 166**.

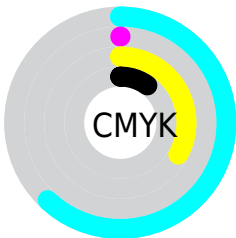
Distribution



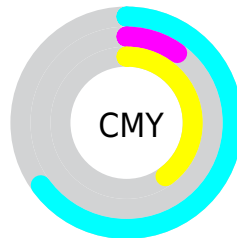
- Red (35%)
- Green (90%)
- Blue (60%)



- Red (35%)
- Yellow (72%)
- Blue (90%)



- Cyan (62%)
- Magenta (0%)
- Yellow (33%)
- Black (10%)



















- Cyan (65%)
- Magenta (10%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 88, 229, 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 88, 229, 154 by changing the saturation by 10% instead.

 88, 229, 154	 88, 229, 154
 255, 255, 255	 53, 200, 128
 150, 255, 209	 0, 172, 102
 180, 255, 237	 0, 145, 78
 210, 255, 255	 0, 118, 54
 240, 255, 255	 0, 93, 31
	 0, 68, 8
	 0, 45, 0
	 0, 14, 0
	 0, 0, 0

 88, 229, 154

 88, 229, 154

 65, 229, 142

 111, 229, 166

 42, 229, 130

 134, 229, 178

 19, 229, 117

 157, 229, 191

 0, 229, 107

 180, 229, 203

 203, 229, 215

 225, 229, 227

 248, 229, 239

 255, 229, 251

 255, 229, 255

Harmonies

Analogous

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



169, 220, 107



88, 229, 154



0, 233, 212

Triad

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



88, 229, 154



119, 207, 255



255, 164, 142

Complementary

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



88, 229, 154



229, 88, 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, 155, 197



88, 229, 154



221, 185, 255

Square

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



88, 229, 154



0, 223, 255



255, 164, 253



255, 184, 101

Rectangle

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



88, 229, 154



0, 232, 250



255, 164, 253



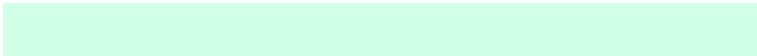
255, 159, 159

Sweetspot

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



88, 229, 154



209, 255, 231



163, 229, 88



99, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



88, 229, 154



66, 255, 155



88, 229, 224



103, 115, 109



0, 179, 84



0, 51, 24

Inverse Universe

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



229, 88, 163



255, 66, 167



229, 88, 93



115, 103, 109



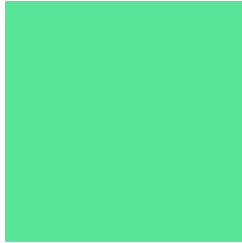
179, 0, 95



51, 0, 27

Previews

White Background



This preview shows how the RGB color 88, 229, 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 88, 229, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

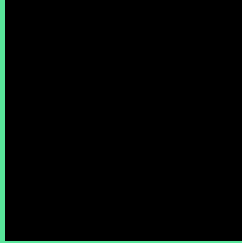
Any Text WCAG AA ✓ Pass

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 88, 229, 154 Background



This preview shows how black text looks on a background with the RGB color 88, 229, 154.

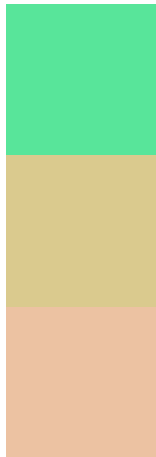


This preview shows how white text looks on a background with the RGB color 88, 229, 154.

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



Original Color
88, 229, 154

Protanopia
218, 202, 142

Deuteranopia
236, 194, 162

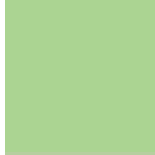


Tritanopia
115, 219, 236

Trichromacy



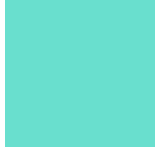
Original Color
88, 229, 154



Protanomaly
171, 212, 146



Deuteranomaly
182, 207, 159



Tritanomaly
105, 223, 206

Monochromacy



Original Color
88, 229, 154



Achromatopsia
178, 178, 178



Achromatomaly
145, 197, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 88, 229, 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(88, 229, 154)` looks like.

```
.text, #text, p{  
    color:rgb(88, 229, 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(88, 229, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 229, 154) }
```

Border

The CSS property to change the border of an element to RGB 88, 229, 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(88, 229, 154) }
```

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

```
.border{ border-color:rgb(88, 229, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 229, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 229, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 229, 154);  
box-shadow:4px 4px 4px 4px rgb(88, 229,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 88, 229, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 229, 154) }
```

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

```
.background{ background-color: rgb(88, 229,  
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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