

Converting Colors

RGB(157, 235, 108)

Have a look what the booklet for
RGB(157, 235, 108) contains.

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Color

RGB(157, 235, 108)

Conversions

Conversions Part 1

Format	Color
Hex	9DEB6C
RGB	157, 235, 108
RGB Percent	62%, 92%, 42%
CMY	0.3843, 0.0784, 0.5765
CMYK	0.33, 0.00, 0.54, 0.08
HSL	97°, 76%, 67%
HSV	97°, 54%, 92%
XYZ	46.3197, 67.6675, 24.8072
YIQ	197.2000, -5.7210, -56.0330

Conversions

Conversions Part 2

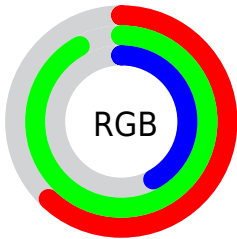
Format	Color
RYB	108, 235, 186
Decimal	10349420
CIELab	85.84, -45.49, 53.43
CIELCh	86, 70.177, 130.412
Yxy	67.6675, 0.3337, 0.4875
Android (android.graphics.Color)	4288539500 (0xFF9DEB6C)
YUV	197.2000, -43.9756, -35.2554
Hunter-Lab	82.2602, -43.4443, 39.7021

Details

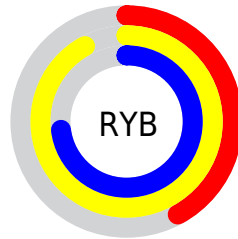
The RGB color **157, 235, 108** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **186, 108, 235**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **215, 255, 162**, and **101, 179, 55** is the 20% darker color. If you saturate the color by 10%, you get **143, 235, 85**, and if you desaturate by 10%, it is **171, 235, 132**.

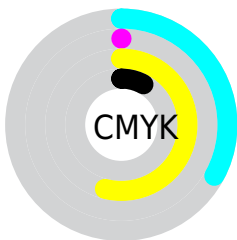
Distribution



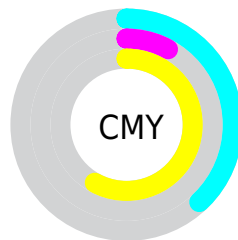
- Red (62%)
- Green (92%)
- Blue (42%)



- Red (42%)
- Yellow (92%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (54%)
- Black (8%)



- Cyan (38%)
- Magenta (8%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 235, 108 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 157, 235, 108 by changing the saturation by 10% instead.

 157, 235, 108

255, 255, 255

 215, 255, 162


 244, 255, 190


 255, 255, 219

 255, 255, 248


 157, 235, 108

 129, 206, 81

 101, 179, 55

 72, 152, 25

 42, 125, 0

 0, 100, 0

 0, 75, 0

 0, 51, 0

 0, 29, 0

 0, 0, 0

■ 157, 235, 108

■ 157, 235, 108

■ 143, 235, 85

■ 171, 235, 132

■ 128, 235, 61

■ 186, 235, 155

■ 114, 235, 37

■ 200, 235, 179

■ 99, 235, 14

■ 215, 235, 202

■ 91, 235, 0

■ 229, 235, 226

■ 244, 235, 249

■ 255, 235, 255

Harmonies

Analogous

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



229, 219, 74



157, 235, 108



0, 244, 168

Triad

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



157, 235, 108



0, 234, 255



255, 155, 194

Complementary

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



157, 235, 108



186, 108, 235

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, 163, 255



157, 235, 108



134, 214, 255

Square

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



157, 235, 108



0, 244, 255



249, 187, 255



255, 170, 132

Rectangle

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



157, 235, 108



0, 247, 213



249, 187, 255



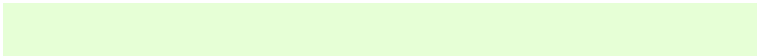
255, 155, 216

Sweetspot

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



157, 235, 108



230, 255, 214



235, 184, 108



113, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



157, 235, 108



153, 255, 89



108, 235, 121



110, 117, 106



70, 181, 0



21, 54, 0

Inverse Universe

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



186, 108, 235



191, 89, 255



235, 108, 222



113, 106, 117



111, 0, 181



33, 0, 54

Previews

White Background



This preview shows how the RGB color 157, 235, 108 looks on a white background.

Color Contrast Check

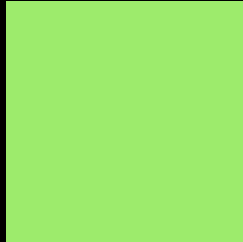
Large Text (above 18pt) WCAG AA × Fail

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 157, 235, 108 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 157, 235, 108 Background



This preview shows how black text looks on a background with the RGB color 157, 235, 108.

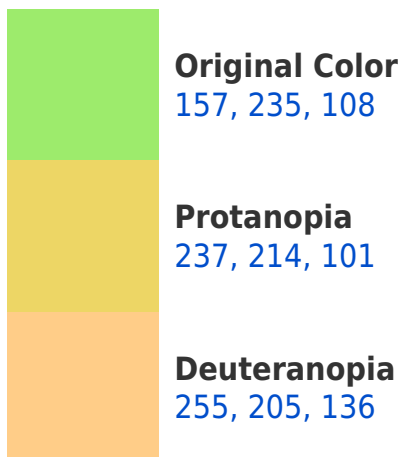


This preview shows how white text looks on a background with the RGB color 157, 235, 108.

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
177, 221, 239

Trichromacy



Original Color

157, 235, 108



Protanomaly

208, 222, 104



Deuteranomaly

219, 216, 126



Tritanomaly

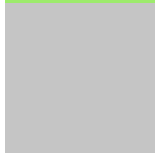
170, 226, 191

Monochromacy



Original Color

157, 235, 108



Achromatopsia

197, 197, 197



Achromatomaly

182, 211, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 235, 108 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(157, 235, 108)` looks like.

```
.text, #text, p{  
    color:rgb(157, 235, 108)  
}
```

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(157, 235, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 235, 108) }
```

Border

The CSS property to change the border of an element to RGB 157, 235, 108 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(157, 235, 108) }
```

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

```
.border{ border-color:rgb(157, 235, 108) }
```

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

Here you see how a box with a 4 pixel rgb(157, 235, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 235, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 235, 108);  
box-shadow:4px 4px 4px 4px rgb(157, 235,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 157, 235, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 235, 108) }
```

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

```
.background{ background-color: rgb(157,  
235, 108) }
```

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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