

Converting Colors

RGB(175, 237, 104)

Have a look what the booklet for
RGB(175, 237, 104) contains.

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Color

RGB(175, 237, 104)

Conversions

Conversions Part 1

Format	Color
Hex	AFED68
RGB	175, 237, 104
RGB Percent	69%, 93%, 41%
CMY	0.3137, 0.0706, 0.5922
CMYK	0.26, 0.00, 0.56, 0.07
HSL	88°, 79%, 67%
HSV	88°, 56%, 93%
XYZ	50.4621, 70.6818, 24.0800
YIQ	203.3000, 5.7410, -54.5070

Conversions

Conversions Part 2

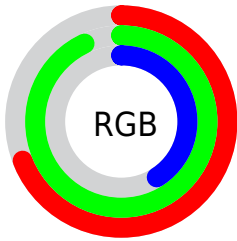
Format	Color
RYB	104, 237, 166
Decimal	11529576
CIELab	87.33, -40.52, 57.21
CIELCh	87, 70.106, 125.311
Yxy	70.6818, 0.3475, 0.4867
Android (android.graphics.Color)	4289719656 (0xFFAFED68)
YUV	203.3000, -48.9549, -24.8191
Hunter-Lab	84.0725, -39.9874, 41.8689

Details

The RGB color **175, 237, 104** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **166, 104, 237**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **233, 255, 159**, and **119, 181, 49** is the 20% darker color. If you saturate the color by 10%, you get **164, 237, 80**, and if you desaturate by 10%, it is **186, 237, 128**.

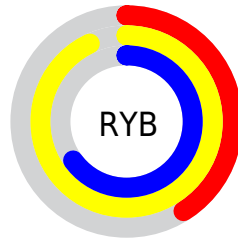
Distribution



Red (69%)

Green (93%)

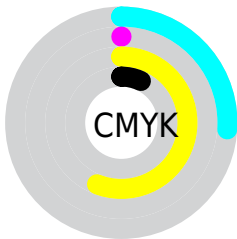
Blue (41%)



Red (41%)

Yellow (93%)

Blue (65%)

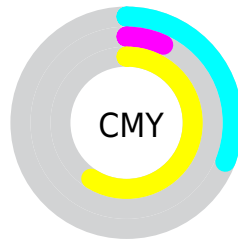


Cyan (26%)

Magenta (0%)

Yellow (56%)

Black (7%)



Cyan (31%)

Magenta (7%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 237, 104 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 175, 237, 104 by changing the saturation by 10% instead.

 175, 237, 104

255, 255, 255

 233, 255, 159

 255, 255, 187


 255, 255, 215

 255, 255, 244

 175, 237, 104

 147, 209, 77

 119, 181, 49

 91, 154, 16

 63, 127, 0

 33, 102, 0

 0, 77, 0

 0, 54, 0

 0, 33, 0


 0, 0, 0

 175, 237, 104


 175, 237, 104

 164, 237, 80


 186, 237, 128

 153, 237, 57

 197, 237, 151

 142, 237, 33

 208, 237, 175

 131, 237, 9

 219, 237, 199

 127, 237, 0

 230, 237, 222

 241, 237, 246

 252, 237, 255

 255, 237, 255

Harmonies

Analogous

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



245, 219, 77



175, 237, 104



69, 248, 161

Triad

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



175, 237, 104



0, 240, 255



255, 159, 210

Complementary

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



175, 237, 104



166, 104, 237

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, 170, 255



175, 237, 104



109, 222, 255

Square

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



175, 237, 104



0, 250, 255



238, 196, 255



255, 171, 145

Rectangle

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



175, 237, 104



0, 251, 206



238, 196, 255



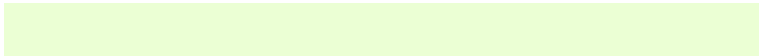
255, 160, 232

Sweetspot

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



175, 237, 104



235, 255, 212



237, 164, 104



116, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



175, 237, 104



175, 255, 84



111, 237, 104



112, 117, 106



97, 181, 0



29, 54, 0

Inverse Universe

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



166, 104, 237



164, 84, 255



230, 104, 237



111, 106, 117



84, 0, 181



25, 0, 54

Previews

White Background



This preview shows how the RGB color 175, 237, 104 looks on a white background.

Color Contrast Check

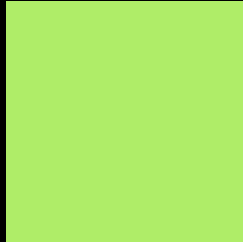
Large Text (above 18pt) WCAG AA × Fail

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 175, 237, 104 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 175, 237, 104 Background



This preview shows how black text looks on a background with the RGB color 175, 237, 104.

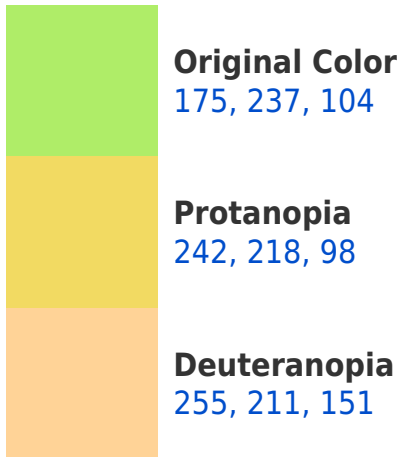


This preview shows how white text looks on a background with the RGB color 175, 237, 104.

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](#).

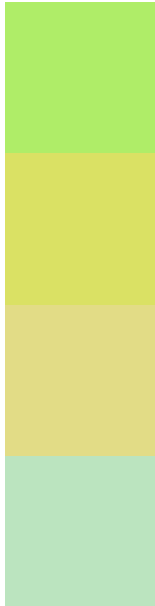
Dichromacy





Tritanopia
194, 223, 240

Trichromacy



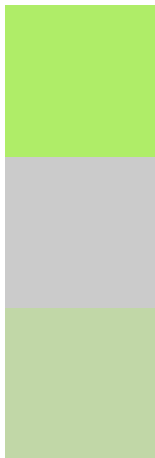
Original Color
175, 237, 104

Protanomaly
218, 225, 100

Deuteranomaly
226, 220, 134

Tritanomaly
187, 228, 191

Monochromacy



Original Color
175, 237, 104

Achromatopsia
203, 203, 203

Achromatomaly
193, 215, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 237, 104 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(175, 237, 104)` looks like.

```
.text, #text, p{  
    color:rgb(175, 237, 104)  
}
```

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(175, 237, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 237, 104) }
```

Border

The CSS property to change the border of an element to RGB 175, 237, 104 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(175, 237, 104) }
```

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

```
.border{ border-color:rgb(175, 237, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 237, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 237, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 237, 104);  
box-shadow:4px 4px 4px 4px rgb(175, 237,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 175, 237, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 237, 104) }
```

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

```
.background{ background-color: rgb(175,  
237, 104) }
```

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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