

Converting Colors

RGB(200, 240, 117)

Have a look what the booklet for
RGB(200, 240, 117) contains.

RGB(200, 240, 117)	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(200, 240, 117)

Conversions

Conversions Part 1

Format	Color
Hex	C8F075
RGB	200, 240, 117
RGB Percent	78%, 94%, 46%
CMY	0.2157, 0.0588, 0.5412
CMYK	0.17, 0.00, 0.51, 0.06
HSL	80°, 80%, 70%
HSV	80°, 51%, 94%
XYZ	58.1904, 75.8839, 28.4097
YIQ	214.0180, 15.6430, -46.7330

Conversions

Conversions Part 2

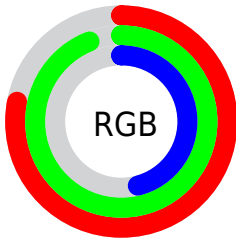
Format	Color
RYB	117, 240, 157
Decimal	13168757
CIELab	89.81, -31.50, 54.62
CIELCh	90, 63.053, 119.968
Yxy	75.8839, 0.3581, 0.4670
Android (android.graphics.Color)	4291358837 (0xFFC8F075)
YUV	214.0180, -47.8299, -12.2938
Hunter-Lab	87.1114, -33.2069, 41.6416

Details

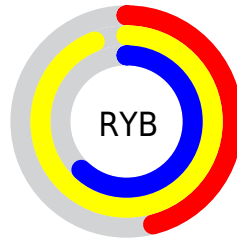
The RGB color **200, 240, 117** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **157, 117, 240**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 255, 172**, and **144, 184, 64** is the 20% darker color. If you saturate the color by 10%, you get **192, 240, 93**, and if you desaturate by 10%, it is **208, 240, 141**.

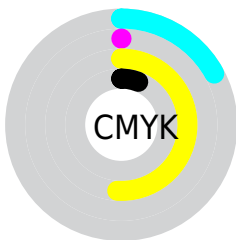
Distribution



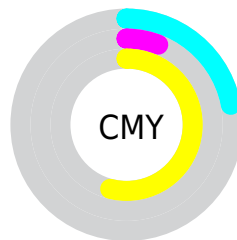
- Red (78%)
- Green (94%)
- Blue (46%)



- Red (46%)
- Yellow (94%)
- Blue (62%)



- Cyan (17%)
- Magenta (0%)
- Yellow (51%)
- Black (6%)



- Cyan (22%)
- Magenta (6%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 240, 117 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 200, 240, 117 by changing the saturation by 10% instead.

 200, 240, 117

255, 255, 255

 255, 255, 172

 255, 255, 200

 255, 255, 229

 200, 240, 117

 172, 212, 90

 144, 184, 64

 116, 157, 36

 89, 131, 0

 63, 105, 0

 36, 81, 0


 2, 57, 0

 0, 37, 0

 0, 0, 0

 200, 240, 117

 200, 240, 117

 192, 240, 93


 208, 240, 141

 184, 240, 69

 216, 240, 165

 177, 240, 45

 223, 240, 189

 169, 240, 21

 231, 240, 213

 162, 240, 0

 239, 240, 237

 247, 240, 255

 255, 240, 255

 255, 240, 255

Harmonies

Analogous

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



255, 222, 101



200, 240, 117



122, 251, 163

Triad

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



200, 240, 117



0, 248, 255



255, 175, 228

Complementary

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



200, 240, 117



157, 117, 240

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, 187, 255



200, 240, 117



113, 232, 255

Square

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



200, 240, 117



0, 255, 255



229, 210, 255



255, 181, 169

Rectangle

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



200, 240, 117



0, 255, 203



229, 210, 255



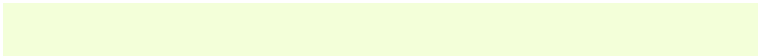
255, 177, 249

Sweetspot

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



200, 240, 117



243, 255, 217



240, 156, 117



120, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



200, 240, 117



204, 255, 97



140, 240, 117



116, 120, 108



124, 184, 0



38, 56, 0

Inverse Universe

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



157, 117, 240



148, 97, 255



217, 117, 240



112, 108, 120



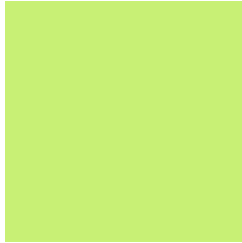
60, 0, 184



18, 0, 56

Previews

White Background



This preview shows how the RGB color 200, 240, 117 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 200, 240, 117 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 200, 240, 117 Background



This preview shows how black text looks on a background with the RGB color 200, 240, 117.

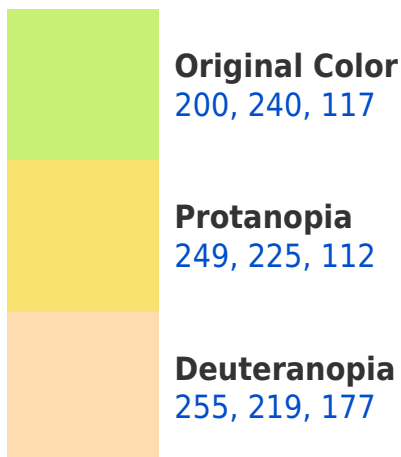


This preview shows how white text looks on a background with the RGB color 200, 240, 117.

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





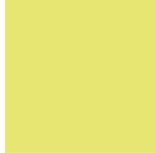
Tritanopia
216, 226, 244

Trichromacy



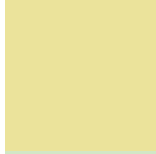
Original Color

200, 240, 117



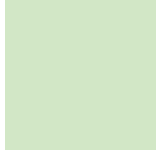
Protanomaly

231, 230, 114



Deuteranomaly

235, 227, 155



Tritanomaly

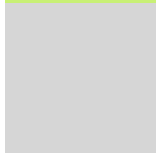
210, 231, 198

Monochromacy



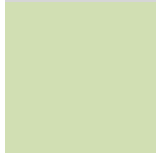
Original Color

200, 240, 117



Achromatopsia

214, 214, 214



Achromatomaly

209, 223, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 240, 117 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(200, 240, 117)` looks like.

```
.text, #text, p{  
    color:rgb(200, 240, 117)  
}
```

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(200, 240, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 240, 117) }
```

Border

The CSS property to change the border of an element to RGB 200, 240, 117 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(200, 240, 117) }
```

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

```
.border{ border-color:rgb(200, 240, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 240, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 240, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 240, 117);  
box-shadow:4px 4px 4px 4px rgb(200, 240,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 200, 240, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 240, 117) }
```

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

```
.background{ background-color: rgb(200,  
240, 117) }
```

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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