

Converting Colors

RGB(201, 244, 113)

Have a look what the booklet for
RGB(201, 244, 113) contains.

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Color

RGB(201, 244, 113)

Conversions

Conversions Part 1

Format	Color
Hex	C9F471
RGB	201, 244, 113
RGB Percent	79%, 96%, 44%
CMY	0.2118, 0.0431, 0.5569
CMYK	0.18, 0.00, 0.54, 0.04
HSL	80°, 86%, 70%
HSV	80°, 54%, 96%
XYZ	59.4187, 78.3111, 27.6066
YIQ	216.2090, 16.4230, -49.8570

Conversions

Conversions Part 2

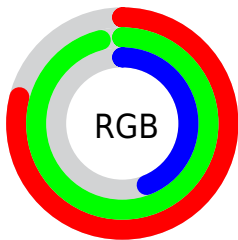
Format	Color
RYB	113, 244, 156
Decimal	13235313
CIELab	90.92, -33.34, 57.76
CIELCh	91, 66.695, 119.994
Yxy	78.3111, 0.3594, 0.4736
Android (android.graphics.Color)	4291425393 (0xFFC9F471)
YUV	216.2090, -50.8820, -13.3383
Hunter-Lab	88.4936, -35.0105, 43.4493

Details

The RGB color **201, 244, 113** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **156, 113, 244**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 168**, and **144, 188, 59** is the 20% darker color. If you saturate the color by 10%, you get **193, 244, 89**, and if you desaturate by 10%, it is **209, 244, 137**.

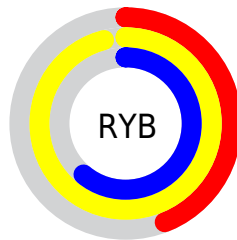
Distribution



Red (79%)

Green (96%)

Blue (44%)



Red (44%)

Yellow (96%)

Blue (61%)

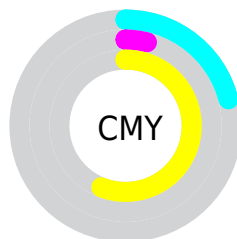


Cyan (18%)

Magenta (0%)

Yellow (54%)

Black (4%)



Cyan (21%)

Magenta (4%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 244, 113 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 201, 244, 113 by changing the saturation by 10% instead.

 201, 244, 113

255, 255, 255

 255, 255, 168

 255, 255, 196

 255, 255, 225

255, 255, 254

 201, 244, 113

 172, 215, 86

 144, 188, 59

 117, 160, 29

 89, 134, 0

 62, 109, 0

 35, 84, 0

 0, 60, 0

 0, 39, 0

 0, 6, 0

■ 201, 244, 113

■ 201, 244, 113

■ 193, 244, 89

■ 209, 244, 137

■ 185, 244, 64

■ 217, 244, 162

■ 177, 244, 40

■ 225, 244, 186

■ 169, 244, 15

■ 233, 244, 211

■ 164, 244, 0

■ 241, 244, 235

■ 249, 244, 255

■ 255, 244, 255

Harmonies

Analogous

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



255, 226, 96



201, 244, 113



117, 255, 162

Triad

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



201, 244, 113



0, 252, 255



255, 174, 232

Complementary

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



201, 244, 113



156, 113, 244

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



201, 244, 113



103, 236, 255

Square

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



201, 244, 113



0, 255, 255



232, 212, 255



255, 181, 169

Rectangle

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



201, 244, 113



0, 255, 205



232, 212, 255



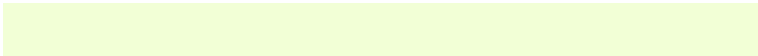
255, 176, 253

Sweetspot

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



201, 244, 113



242, 255, 214



244, 154, 113



120, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



201, 244, 113



201, 255, 92



137, 244, 113



118, 122, 110



125, 186, 0



39, 59, 0

Inverse Universe

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



156, 113, 244



145, 92, 255



220, 113, 244



114, 110, 122



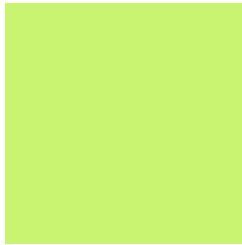
61, 0, 186



19, 0, 59

Previews

White Background



This preview shows how the RGB color 201, 244, 113 looks on a white background.

Color Contrast Check

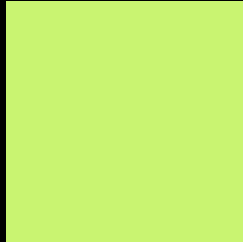
Large Text (above 18pt) WCAG AA × Fail

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 201, 244, 113 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 201, 244, 113 Background



This preview shows how black text looks on a background with the RGB color 201, 244, 113.



This preview shows how white text looks on a background with the RGB color 201, 244, 113.

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
201, 244, 113

Protanopia
253, 229, 108

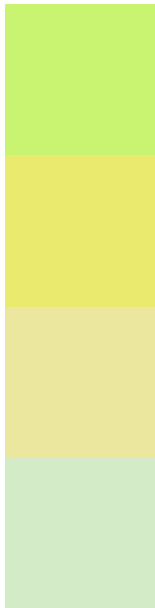
Deuteranopia
255, 223, 185



Tritanopia

218, 230, 248

Trichromacy



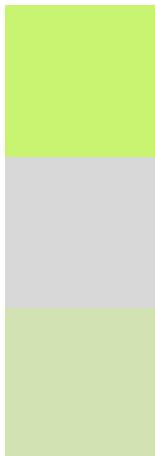
Original Color
201, 244, 113

Protanomaly
234, 234, 110

Deuteranomaly
235, 231, 159

Tritanomaly
212, 235, 199

Monochromacy



Original Color
201, 244, 113

Achromatopsia
216, 216, 216

Achromatomaly
211, 226, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 244, 113 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(201, 244, 113)` looks like.

```
.text, #text, p{  
    color:rgb(201, 244, 113)  
}
```

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(201, 244, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 244, 113) }
```

Border

The CSS property to change the border of an element to RGB 201, 244, 113 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(201, 244, 113) }
```

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

```
.border{ border-color:rgb(201, 244, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 244, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 244, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 244, 113);  
box-shadow:4px 4px 4px 4px rgb(201, 244,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 201, 244, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 244, 113) }
```

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

```
.background{ background-color: rgb(201,  
244, 113) }
```

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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