

Converting Colors

RGB(197, 249, 100)

Have a look what the booklet for
RGB(197, 249, 100) contains.

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Color

RGB(197, 249, 100)

Conversions

Conversions Part 1

Format	Color
Hex	C5F964
RGB	197, 249, 100
RGB Percent	77%, 98%, 39%
CMY	0.2275, 0.0235, 0.6078
CMYK	0.21, 0.00, 0.60, 0.02
HSL	81°, 93%, 68%
HSV	81°, 60%, 98%
XYZ	59.2019, 80.5418, 24.4824
YIQ	216.4660, 16.8370, -57.3630

Conversions

Conversions Part 2

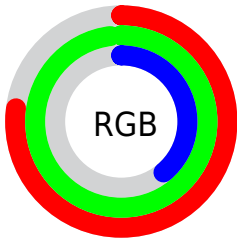
Format	Color
RYB	100, 249, 152
Decimal	12974436
CIELab	91.93, -38.20, 64.46
CIELCh	92, 74.931, 120.648
Yxy	80.5418, 0.3605, 0.4904
Android (android.graphics.Color)	4291164516 (0xFFC5F964)
YUV	216.4660, -57.4177, -17.0717
Hunter-Lab	89.7451, -39.3033, 46.6472

Details

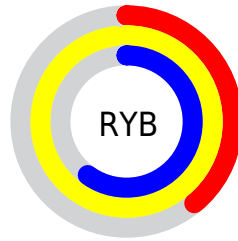
The RGB color **197, 249, 100** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **152, 100, 249**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 156**, and **140, 192, 42** is the 20% darker color. If you saturate the color by 10%, you get **188, 249, 75**, and if you desaturate by 10%, it is **206, 249, 125**.

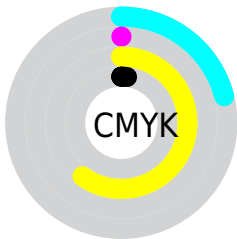
Distribution



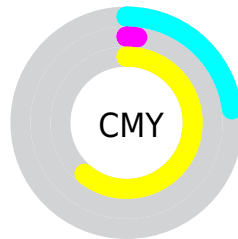
- Red (77%)
- Green (98%)
- Blue (39%)



- Red (39%)
- Yellow (98%)
- Blue (60%)



- Cyan (21%)
- Magenta (0%)
- Yellow (60%)
- Black (2%)



- Cyan (23%)
- Magenta (2%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the RGB color 197, 249, 100 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 197, 249, 100 by changing the saturation by 10% instead.

 197, 249, 100

 197, 249, 100

255, 255, 255

 168, 220, 72

 255, 255, 156

 140, 192, 42

 255, 255, 184

 112, 165, 0

 255, 255, 213


 84, 138, 0

 255, 255, 242

 56, 113, 0

 24, 88, 0

 0, 64, 0

 0, 42, 0


 0, 13, 0

 197, 249, 100


 197, 249, 100

 188, 249, 75

 206, 249, 125

 180, 249, 50

 214, 249, 150

 171, 249, 25

 223, 249, 175

 162, 249, 0

 232, 249, 200

 162, 249, 0

 240, 249, 225

 249, 249, 249

 255, 249, 255

Harmonies

Analogous

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



255, 229, 78



197, 249, 100



94, 255, 158

Triad

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



197, 249, 100



0, 255, 255



255, 167, 233

Complementary

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



197, 249, 100



152, 100, 249

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, 183, 255



197, 249, 100



63, 239, 255

Square

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



197, 249, 100



0, 255, 255



236, 212, 255



255, 176, 163

Rectangle

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



197, 249, 100



0, 255, 206



236, 212, 255



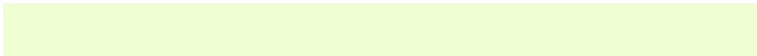
255, 170, 255

Sweetspot

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



197, 249, 100



239, 255, 209



249, 150, 100



118, 128, 99



0, 0, 0



128, 128, 128

Same Dimension

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



197, 249, 100



191, 255, 71



125, 249, 100



121, 125, 112



123, 189, 0



40, 61, 0

Inverse Universe

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



152, 100, 249



135, 71, 255



224, 100, 249



117, 112, 125



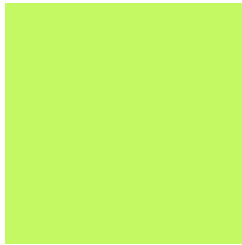
66, 0, 189



21, 0, 61

Previews

White Background



This preview shows how the RGB color 197, 249, 100 looks on a white background.

Color Contrast Check

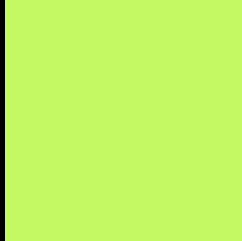
Large Text (above 18pt) WCAG AA × Fail

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 197, 249, 100 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 197, 249, 100 Background



This preview shows how black text looks on a background with the RGB color 197, 249, 100.

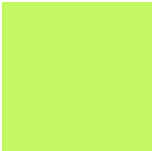
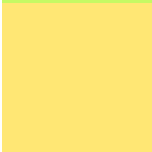
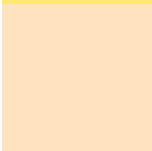


This preview shows how white text looks on a background with the RGB color 197, 249, 100.

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 197, 249, 100
	Protanopia 255, 231, 116
	Deuteranopia 255, 227, 192



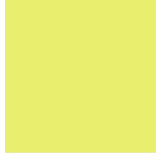
Tritanopia
216, 234, 252

Trichromacy



Original Color

197, 249, 100



Protanomaly

234, 238, 110



Deuteranomaly

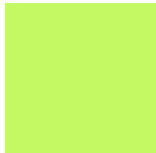
234, 235, 159



Tritanomaly

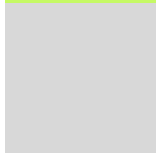
209, 239, 197

Monochromacy



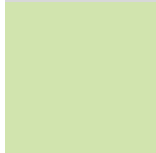
Original Color

197, 249, 100



Achromatopsia

216, 216, 216



Achromatomaly

209, 228, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 197, 249, 100 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(197, 249, 100)` looks like.

```
.text, #text, p{  
    color:rgb(197, 249, 100)  
}
```

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(197, 249, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 249, 100) }
```

Border

The CSS property to change the border of an element to RGB 197, 249, 100 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(197, 249, 100) }
```

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

```
.border{ border-color:rgb(197, 249, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 249, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 249, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 249, 100);  
box-shadow:4px 4px 4px 4px rgb(197, 249,  
100) }
```

Background

The CSS property to change the background color of an element to RGB 197, 249, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 249, 100) }
```

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

```
.background{ background-color: rgb(197,  
249, 100) }
```

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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