

Converting Colors

RGB(204, 253, 130)

Have a look what the booklet for
RGB(204, 253, 130) contains.

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Color

RGB(204, 253, 130)

Conversions

Conversions Part 1

Format	Color
Hex	CCFD82
RGB	204, 253, 130
RGB Percent	80%, 99%, 51%
CMY	0.2000, 0.0078, 0.4902
CMYK	0.19, 0.00, 0.49, 0.01
HSL	84°, 97%, 75%
HSV	84°, 49%, 99%
XYZ	64.0564, 84.6996, 34.0916
YIQ	224.3270, 10.2790, -48.6410

Conversions

Conversions Part 2

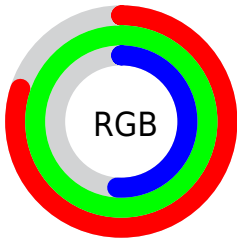
Format	Color
RYB	130, 253, 179
Decimal	13434242
CIELab	93.75, -34.70, 53.42
CIELCh	94, 63.703, 123.007
Yxy	84.6996, 0.3503, 0.4632
Android (android.graphics.Color)	4291624322 (0xFFCCFD82)
YUV	224.3270, -46.5032, -17.8268
Hunter-Lab	92.0324, -36.8172, 42.4598

Details

The RGB color **204, 253, 130** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **179, 130, 253**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 185**, and **147, 196, 77** is the 20% darker color. If you saturate the color by 10%, you get **194, 253, 105**, and if you desaturate by 10%, it is **214, 253, 155**.

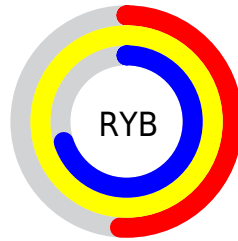
Distribution



Red (80%)

Green (99%)

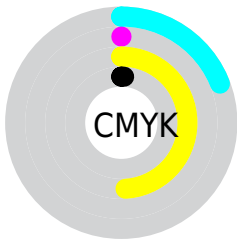
Blue (51%)



Red (51%)

Yellow (99%)

Blue (70%)

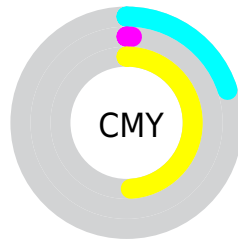


Cyan (19%)

Magenta (0%)

Yellow (49%)

Black (1%)



Cyan (20%)

Magenta (1%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 253, 130 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 204, 253, 130 by changing the saturation by 10% instead.

 204, 253, 130

255, 255, 255

 255, 255, 185


 255, 255, 214

 255, 255, 243

 204, 253, 130

 175, 224, 103

 147, 196, 77

 120, 169, 50

 93, 142, 19

 66, 116, 0

 39, 91, 0

 3, 67, 0

 0, 45, 0

 0, 22, 0

■ 204, 253, 130

■ 204, 253, 130

■ 194, 253, 105

■ 214, 253, 155

■ 184, 253, 79

■ 224, 253, 181

■ 174, 253, 54

■ 234, 253, 206

■ 164, 253, 29

■ 244, 253, 231

■ 154, 253, 3

■ 254, 253, 255

■ 152, 253, 0

■ 255, 253, 255

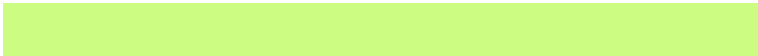
Harmonies

Analogous

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



255, 236, 110



204, 253, 130



122, 255, 179

Triad

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



204, 253, 130



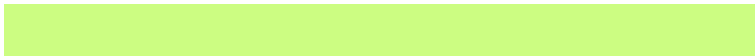
0, 255, 255



255, 185, 233

Complementary

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



204, 253, 130



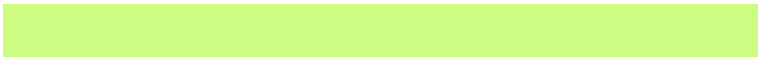
179, 130, 253

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, 196, 255



204, 253, 130



141, 241, 255

Square

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



204, 253, 130



0, 255, 255



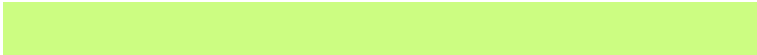
250, 219, 255



255, 193, 173

Rectangle

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



204, 253, 130



0, 255, 220



250, 219, 255



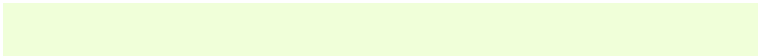
255, 187, 254

Sweetspot

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



204, 253, 130



240, 255, 217



253, 177, 130



118, 128, 105



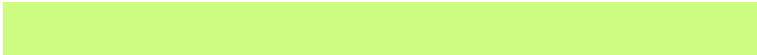
0, 0, 0



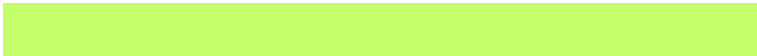
128, 128, 128

Same Dimension

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



204, 253, 130



196, 255, 107



144, 253, 130



122, 128, 115



115, 191, 0



38, 64, 0

Inverse Universe

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



179, 130, 253



166, 107, 255



239, 130, 253



120, 115, 128



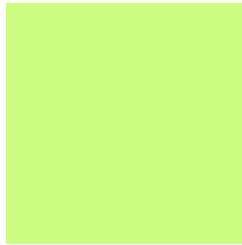
76, 0, 191



25, 0, 64

Previews

White Background



This preview shows how the RGB color 204, 253, 130 looks on a white background.

Color Contrast Check

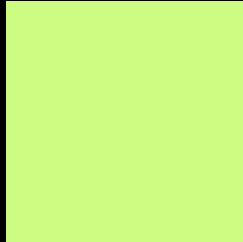
Large Text (above 18pt) WCAG AA × Fail

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 204, 253, 130 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 204, 253, 130 Background



This preview shows how black text looks on a background with the RGB color 204, 253, 130.

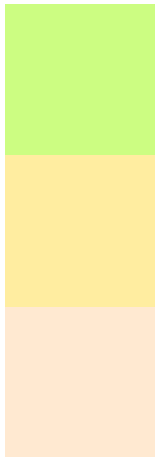


This preview shows how white text looks on a background with the RGB color 204, 253, 130.

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
204, 253, 130

Protanopia
255, 237, 160

Deuteranopia
255, 233, 209



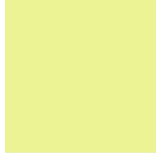
Tritanopia
223, 238, 255

Trichromacy



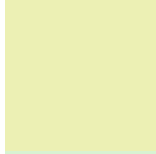
Original Color

204, 253, 130



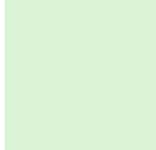
Protanomaly

236, 243, 149



Deuteranomaly

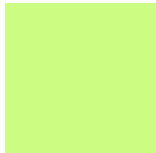
236, 240, 180



Tritanomaly

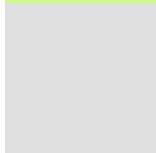
216, 243, 210

Monochromacy



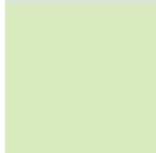
Original Color

204, 253, 130



Achromatopsia

224, 224, 224



Achromatomaly

217, 235, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 253, 130 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(204, 253, 130)` looks like.

```
.text, #text, p{  
    color:rgb(204, 253, 130)  
}
```

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(204, 253, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 253, 130) }
```

Border

The CSS property to change the border of an element to RGB 204, 253, 130 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(204, 253, 130) }
```

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

```
.border{ border-color:rgb(204, 253, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 253, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 253, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 253, 130);  
box-shadow:4px 4px 4px 4px rgb(204, 253,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 204, 253, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 253, 130) }
```

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

```
.background{ background-color: rgb(204,  
253, 130) }
```

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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