

Converting Colors

RGB(204, 246, 148)

Have a look what the booklet for
RGB(204, 246, 148) contains.

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Color

RGB(204, 246, 148)

Conversions

Conversions Part 1

Format	Color
Hex	CCF694
RGB	204, 246, 148
RGB Percent	80%, 96%, 58%
CMY	0.2000, 0.0353, 0.4196
CMYK	0.17, 0.00, 0.40, 0.04
HSL	86°, 84%, 77%
HSV	86°, 40%, 96%
XYZ	63.2029, 80.8870, 40.2986
YIQ	222.2700, 6.4260, -39.3820

Conversions

Conversions Part 2

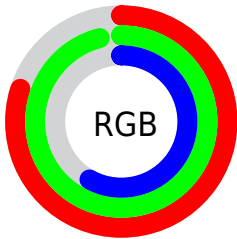
Format	Color
RYB	148, 246, 190
Decimal	13432468
CIELab	92.08, -29.45, 42.75
CIELCh	92, 51.914, 124.561
Yxy	80.8870, 0.3428, 0.4387
Android (android.graphics.Color)	4291622548 (0xFFCCCF694)
YUV	222.2700, -36.6151, -16.0228
Hunter-Lab	89.9372, -31.9502, 36.3897

Details

The RGB color **204, 246, 148** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **190, 148, 246**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 203**, and **148, 190, 96** is the 20% darker color. If you saturate the color by 10%, you get **193, 246, 123**, and if you desaturate by 10%, it is **215, 246, 173**.

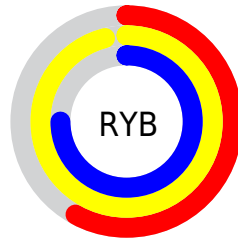
Distribution



Red (80%)

Green (96%)

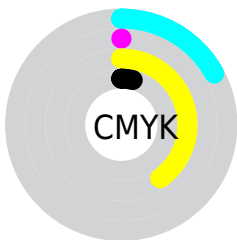
Blue (58%)



Red (58%)

Yellow (96%)

Blue (75%)

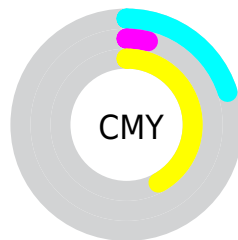


Cyan (17%)

Magenta (0%)

Yellow (40%)

Black (4%)



Cyan (20%)

Magenta (4%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 246, 148 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, 246, 148 by changing the saturation by 10% instead.

 204, 246, 148


255, 255, 255


 255, 255, 203

 255, 255, 232

 204, 246, 148

 176, 217, 121

 148, 190, 96

 121, 162, 70

 95, 136, 45

 69, 110, 18

 43, 86, 0

 18, 62, 0

 0, 40, 0

 0, 14, 0

 204, 246, 148

 204, 246, 148

 193, 246, 123


 215, 246, 173

 183, 246, 99


 225, 246, 197

 172, 246, 74

 236, 246, 222

 162, 246, 50

 246, 246, 246

 151, 246, 25

 255, 246, 255

 141, 246, 0

 141, 246, 0

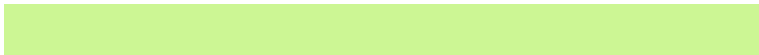
Harmonies

Analogous

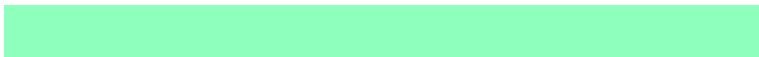
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 232, 131



204, 246, 148



142, 255, 188

Triad

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



204, 246, 148



61, 249, 255



255, 192, 226

Complementary

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



204, 246, 148



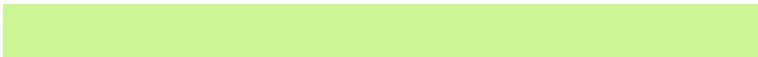
190, 148, 246

Split Complementary

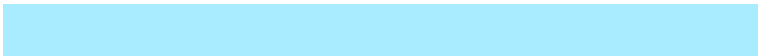
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 200, 255



204, 246, 148



169, 235, 255

Square

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



204, 246, 148



0, 255, 255



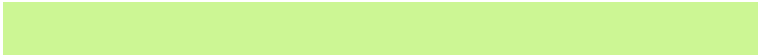
248, 216, 255



255, 199, 178

Rectangle

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



204, 246, 148



90, 255, 221



248, 216, 255



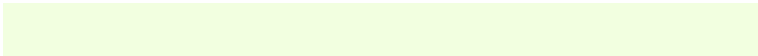
255, 193, 243

Sweetspot

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



204, 246, 148



242, 255, 224



246, 189, 148



120, 128, 110



0, 0, 0



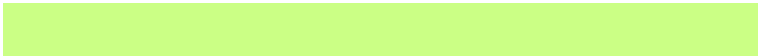
128, 128, 128

Same Dimension

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



204, 246, 148



203, 255, 133



156, 246, 148



117, 122, 110



106, 186, 0



34, 59, 0

Inverse Universe

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



190, 148, 246



185, 133, 255



238, 148, 246



115, 110, 122



80, 0, 186



25, 0, 59

Previews

White Background



This preview shows how the RGB color 204, 246, 148 looks on a white background.

Color Contrast Check

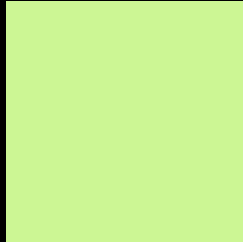
Large Text (above 18pt) WCAG AA × Fail

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, 246, 148 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, 246, 148 Background



This preview shows how black text looks on a background with the RGB color 204, 246, 148.

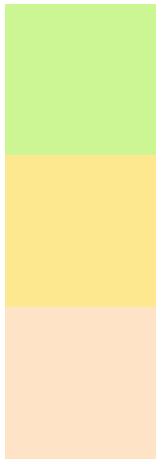


This preview shows how white text looks on a background with the RGB color 204, 246, 148.

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, 246, 148

Protanopia
253, 232, 143

Deuteranopia
255, 227, 199



Tritanopia

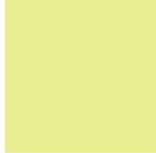
219, 234, 252

Trichromacy



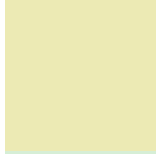
Original Color

204, 246, 148



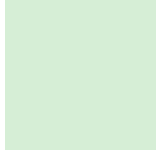
Protanomaly

235, 237, 145



Deuteranomaly

236, 234, 180



Tritanomaly

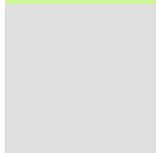
214, 238, 214

Monochromacy



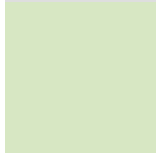
Original Color

204, 246, 148



Achromatopsia

222, 222, 222



Achromatomaly

215, 231, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 246, 148 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, 246, 148)` looks like.

```
.text, #text, p{  
    color:rgb(204, 246, 148)  
}
```

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, 246, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 246, 148) }
```

Border

The CSS property to change the border of an element to RGB 204, 246, 148 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, 246, 148) }
```

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

```
.border{ border-color:rgb(204, 246, 148) }
```

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

Here you see how a box with a 4 pixel rgb(204, 246, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 246, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 246, 148);  
box-shadow:4px 4px 4px 4px rgb(204, 246,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 204, 246, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 246, 148) }
```

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

```
.background{ background-color: rgb(204,  
246, 148) }
```

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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