

Converting Colors

RGB(198, 255, 148)

Have a look what the booklet for
RGB(198, 255, 148) contains.

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Color

RGB(198, 255, 148)

Conversions

Conversions Part 1

Format	Color
Hex	C6FF94
RGB	198, 255, 148
RGB Percent	78%, 100%, 58%
CMY	0.2235, 0.0000, 0.4196
CMYK	0.22, 0.00, 0.42, 0.00
HSL	92°, 100%, 79%
HSV	92°, 42%, 100%
XYZ	64.3940, 85.6639, 41.1578
YIQ	225.7590, 0.3750, -45.3610

Conversions

Conversions Part 2

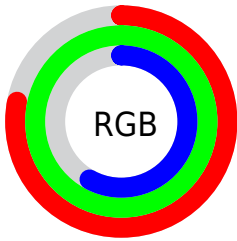
Format	Color
RYB	148, 255, 205
Decimal	13041556
CIELab	94.17, -35.72, 45.34
CIELCh	94, 57.719, 128.235
Yxy	85.6639, 0.3368, 0.4480
Android (android.graphics.Color)	4291231636 (0xFFC6FF94)
YUV	225.7590, -38.3352, -24.3446
Hunter-Lab	92.5548, -37.7814, 38.4229

Details

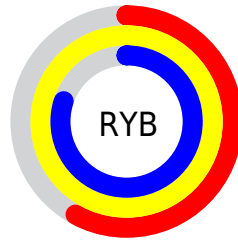
The RGB color **198, 255, 148** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **205, 148, 255**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 203**, and **142, 198, 95** is the 20% darker color. If you saturate the color by 10%, you get **184, 255, 123**, and if you desaturate by 10%, it is **212, 255, 174**.

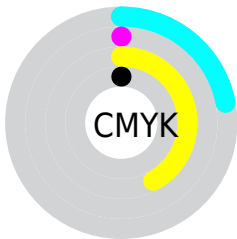
Distribution



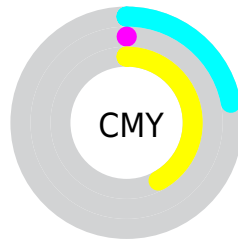
- Red (78%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (80%)



- Cyan (22%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 255, 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 198, 255, 148 by changing the saturation by 10% instead.

 198, 255, 148

255, 255, 255

 255, 255, 203

 255, 255, 232

 198, 255, 148

 170, 226, 121

 142, 198, 95

 115, 170, 70

 88, 144, 44

 62, 118, 15

 34, 93, 0

 0, 69, 0

 0, 46, 0

 0, 23, 0

■ 198, 255, 148

■ 198, 255, 148

■ 184, 255, 123

■ 212, 255, 174

■ 171, 255, 97

■ 225, 255, 199

■ 157, 255, 72

■ 239, 255, 225

■ 144, 255, 46

■ 252, 255, 250

■ 130, 255, 21

255, 255, 255

■ 119, 255, 0

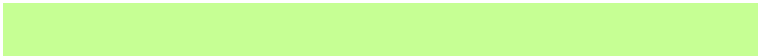
Harmonies

Analogous

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



255, 240, 125



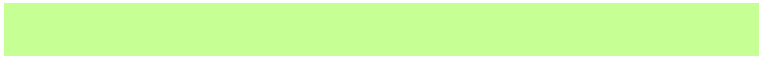
198, 255, 148



124, 255, 195

Triad

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



198, 255, 148



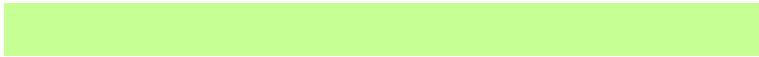
1, 255, 255



255, 193, 225

Complementary

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



198, 255, 148



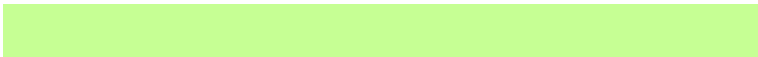
205, 148, 255

Split Complementary

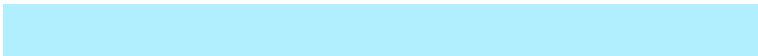
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 199, 255



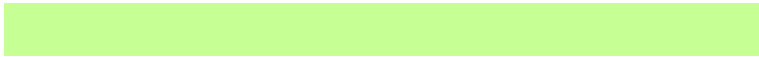
198, 255, 148



177, 239, 255

Square

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



198, 255, 148



0, 255, 255



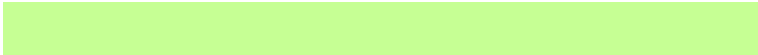
255, 218, 255



255, 202, 172

Rectangle

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



198, 255, 148



39, 255, 233



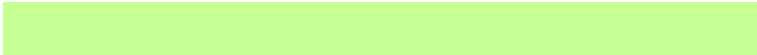
255, 218, 255



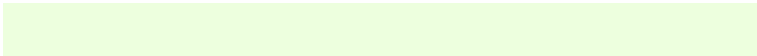
255, 193, 244

Sweetspot

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



198, 255, 148



237, 255, 222



255, 203, 148



117, 128, 107



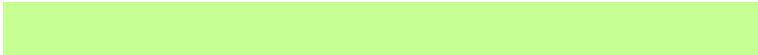
0, 0, 0



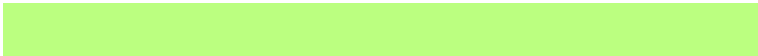
128, 128, 128

Same Dimension

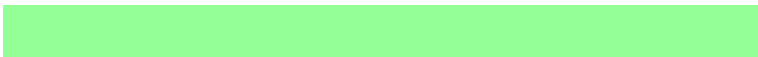
The Same Dimension uses a secret algorithm to generate beautiful new colors.



198, 255, 148



187, 255, 128



148, 255, 150



121, 128, 115



89, 191, 0



30, 64, 0

Inverse Universe

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



205, 148, 255



195, 128, 255



255, 148, 253



122, 115, 128



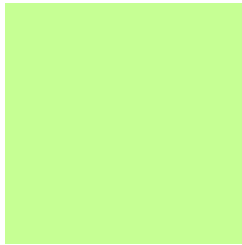
102, 0, 191



34, 0, 64

Previews

White Background



This preview shows how the RGB color 198, 255, 148 looks on a white background.

Color Contrast Check

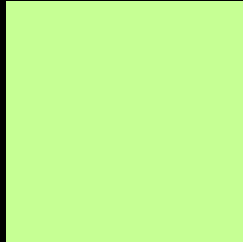
Large Text (above 18pt) WCAG AA × Fail

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 198, 255, 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

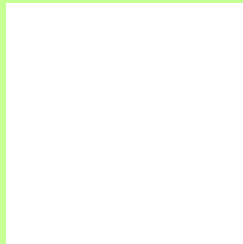
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 198, 255, 148 Background



This preview shows how black text looks on a background with the RGB color 198, 255, 148.

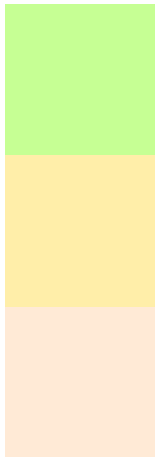


This preview shows how white text looks on a background with the RGB color 198, 255, 148.

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
198, 255, 148

Protanopia
255, 238, 169

Deuteranopia
255, 234, 214

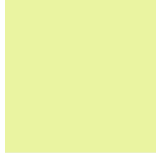


Tritanopia
221, 241, 255

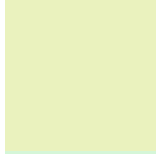
Trichromacy



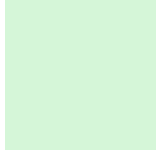
Original Color
198, 255, 148



Protanomaly
234, 244, 161



Deuteranomaly
234, 242, 190

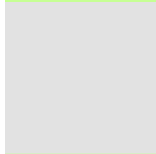


Tritanomaly
213, 246, 216

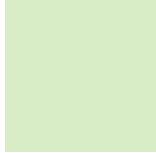
Monochromacy



Original Color
198, 255, 148



Achromatopsia
226, 226, 226



Achromatomaly
216, 237, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 255, 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(198, 255, 148)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 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(198, 255, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 148) }
```

Border

The CSS property to change the border of an element to RGB 198, 255, 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(198, 255, 148) }
```

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

```
.border{ border-color:rgb(198, 255, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 255, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 148);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 198, 255, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 148) }
```

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

```
.background{ background-color: rgb(198,  
255, 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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