

Converting Colors

RGB(208, 255, 147)

Have a look what the booklet for
RGB(208, 255, 147) contains.

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Color

RGB(208, 255, 147)

Conversions

Conversions Part 1

Format	Color
Hex	D0FF93
RGB	208, 255, 147
RGB Percent	82%, 100%, 58%
CMY	0.1843, 0.0000, 0.4235
CMYK	0.18, 0.00, 0.42, 0.00
HSL	86°, 100%, 79%
HSV	86°, 42%, 100%
XYZ	67.0389, 87.0365, 40.8702
YIQ	228.6350, 6.6560, -43.5520

Conversions

Conversions Part 2

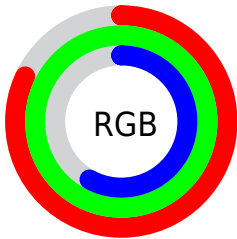
Format	Color
RYB	147, 255, 194
Decimal	13696915
CIELab	94.75, -32.31, 46.68
CIELCh	95, 56.776, 124.689
Yxy	87.0365, 0.3439, 0.4465
Android (android.graphics.Color)	4291886995 (0xFFD0FF93)
YUV	228.6350, -40.2461, -18.0969
Hunter-Lab	93.2933, -34.9965, 39.3314

Details

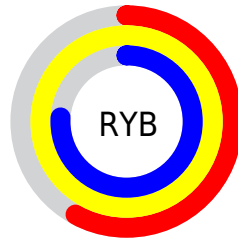
The RGB color **208, 255, 147** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **194, 147, 255**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 202**, and **152, 198, 94** is the 20% darker color. If you saturate the color by 10%, you get **197, 255, 122**, and if you desaturate by 10%, it is **219, 255, 172**.

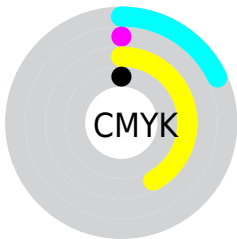
Distribution



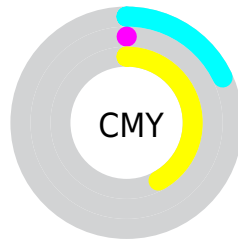
- Red (82%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 255, 147 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 208, 255, 147 by changing the saturation by 10% instead.

 208, 255, 147

255, 255, 255


 255, 255, 202

 255, 255, 231

 208, 255, 147

 180, 226, 120


 152, 198, 94

 125, 171, 68

 98, 144, 43

 72, 118, 13

 45, 93, 0

 18, 69, 0

 0, 46, 0

 0, 25, 0

■ 208, 255, 147

■ 208, 255, 147

■ 197, 255, 122

■ 219, 255, 172

■ 186, 255, 96

■ 230, 255, 198

■ 175, 255, 70

■ 241, 255, 224

■ 164, 255, 45

■ 252, 255, 249

■ 153, 255, 19

255, 255, 255

■ 144, 255, 0

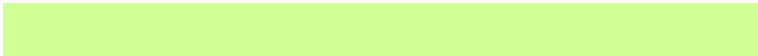
Harmonies

Analogous

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



255, 240, 128



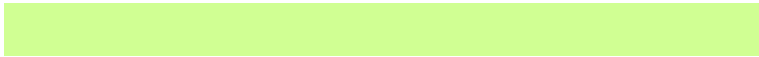
208, 255, 147



138, 255, 191

Triad

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



208, 255, 147



0, 255, 255



255, 195, 233

Complementary

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



208, 255, 147



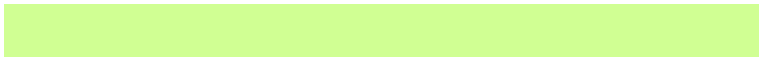
194, 147, 255

Split Complementary

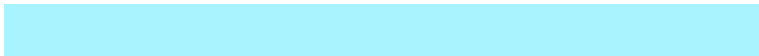
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 203, 255



208, 255, 147



168, 243, 255

Square

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



208, 255, 147



0, 255, 255



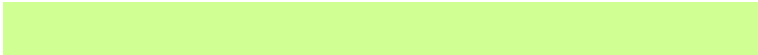
255, 222, 255



255, 203, 180

Rectangle

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



208, 255, 147



72, 255, 228



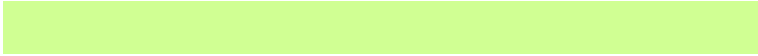
255, 222, 255



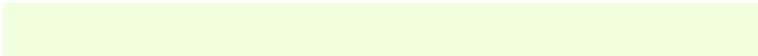
255, 196, 252

Sweetspot

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



208, 255, 147



241, 255, 222



255, 194, 147



119, 128, 107



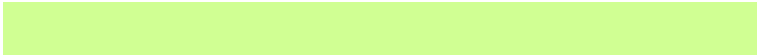
0, 0, 0



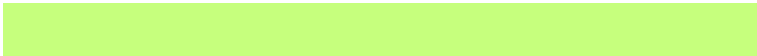
128, 128, 128

Same Dimension

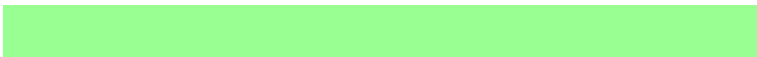
The Same Dimension uses a secret algorithm to generate beautiful new colors.



208, 255, 147



198, 255, 125



154, 255, 147



122, 128, 115



108, 191, 0



36, 64, 0

Inverse Universe

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



194, 147, 255



182, 125, 255



248, 147, 255



120, 115, 128



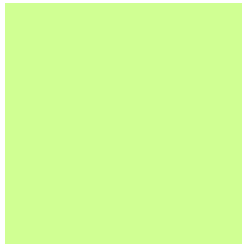
83, 0, 191



28, 0, 64

Previews

White Background



This preview shows how the RGB color 208, 255, 147 looks on a white background.

Color Contrast Check

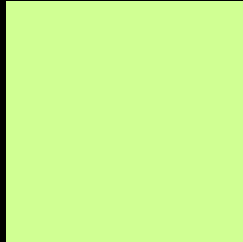
Large Text (above 18pt) WCAG AA × Fail

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 208, 255, 147 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 208, 255, 147 Background



This preview shows how black text looks on a background with the RGB color 208, 255, 147.

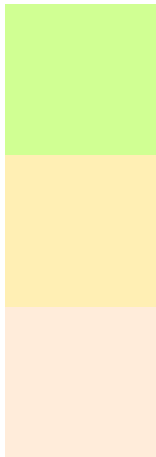


This preview shows how white text looks on a background with the RGB color 208, 255, 147.

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
208, 255, 147

Protanopia
255, 239, 180

Deuteranopia
255, 236, 218



Tritanopia

228, 241, 255

Trichromacy



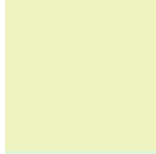
Original Color

208, 255, 147



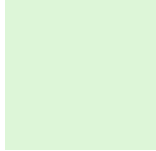
Protanomaly

238, 245, 168



Deuteranomaly

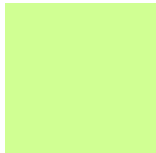
238, 243, 192



Tritanomaly

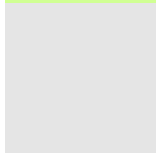
221, 246, 216

Monochromacy



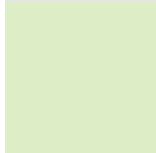
Original Color

208, 255, 147



Achromatopsia

229, 229, 229



Achromatomaly

221, 238, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 255, 147 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(208, 255, 147)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 147)  
}
```

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(208, 255, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 147) }
```

Border

The CSS property to change the border of an element to RGB 208, 255, 147 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(208, 255, 147) }
```

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

```
.border{ border-color:rgb(208, 255, 147) }
```

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

Here you see how a box with a 4 pixel rgb(208, 255, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 147);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 208, 255, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 147) }
```

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

```
.background{ background-color: rgb(208,  
255, 147) }
```

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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