

Converting Colors

RGB(207, 254, 149)

Have a look what the booklet for
RGB(207, 254, 149) contains.

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Color

RGB(207, 254, 149)

Conversions

Conversions Part 1

Format	Color
Hex	CFFE95
RGB	207, 254, 149
RGB Percent	81%, 100%, 58%
CMY	0.1882, 0.0039, 0.4157
CMYK	0.19, 0.00, 0.41, 0.00
HSL	87°, 98%, 79%
HSV	87°, 41%, 100%
XYZ	66.5988, 86.3189, 41.5849
YIQ	227.9770, 5.6930, -42.6190

Conversions

Conversions Part 2

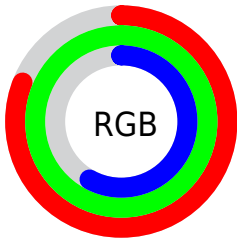
Format	Color
RYB	149, 254, 196
Decimal	13631125
CIELab	94.45, -31.97, 45.32
CIElCh	94, 55.464, 125.202
Yxy	86.3189, 0.3424, 0.4438
Android (android.graphics.Color)	4291821205 (0xFFCFE95)
YUV	227.9770, -38.9357, -18.3968
Hunter-Lab	92.9080, -34.6358, 38.4979

Details

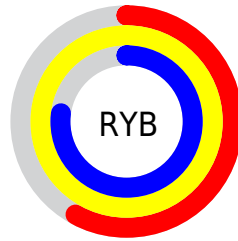
The RGB color **207, 254, 149** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **196, 149, 254**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 204**, and **151, 197, 96** is the 20% darker color. If you saturate the color by 10%, you get **196, 254, 124**, and if you desaturate by 10%, it is **218, 254, 174**.

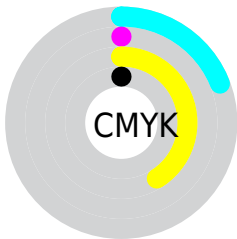
Distribution



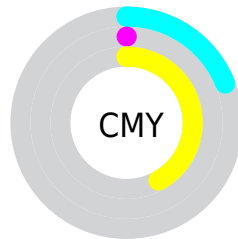
- Red (81%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (77%)



- Cyan (19%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 254, 149 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 207, 254, 149 by changing the saturation by 10% instead.

 207, 254, 149


255, 255, 255


 255, 255, 204

 255, 255, 233


 207, 254, 149

 179, 225, 122

 151, 197, 96

 124, 170, 71

 97, 143, 45

 71, 117, 17

 45, 92, 0

 18, 68, 0

 0, 45, 0

 0, 24, 0

■ 207, 254, 149

■ 207, 254, 149

■ 196, 254, 124

■ 218, 254, 174

■ 184, 254, 98

■ 230, 254, 200

■ 173, 254, 73

■ 241, 254, 225

■ 162, 254, 47

■ 252, 254, 251

■ 150, 254, 22

255, 254, 255

■ 140, 254, 0

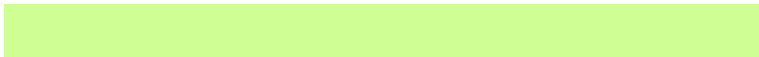
Harmonies

Analogous

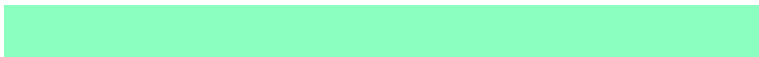
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 239, 130



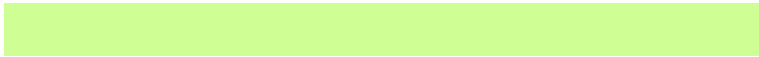
207, 254, 149



139, 255, 192

Triad

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



207, 254, 149



31, 255, 255



255, 196, 232

Complementary

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



207, 254, 149



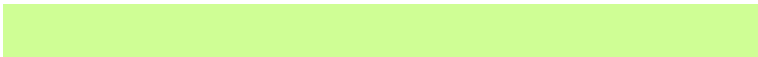
196, 149, 254

Split Complementary

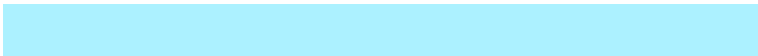
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 203, 255



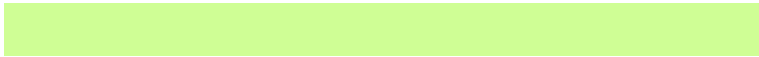
207, 254, 149



172, 241, 255

Square

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



207, 254, 149



0, 255, 255



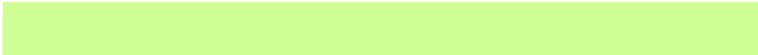
255, 222, 255



255, 203, 180

Rectangle

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



207, 254, 149



77, 255, 228



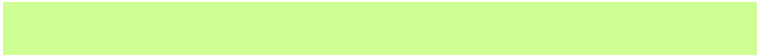
255, 222, 255



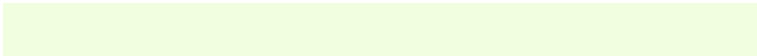
255, 197, 250

Sweetspot

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



207, 254, 149



241, 255, 224



254, 195, 149



120, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



207, 254, 149



198, 255, 128



156, 254, 149



122, 128, 115



106, 191, 0



35, 64, 0

Inverse Universe

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



196, 149, 254



185, 128, 255



247, 149, 254



120, 115, 128



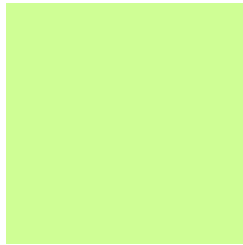
86, 0, 191



29, 0, 64

Previews

White Background



This preview shows how the RGB color 207, 254, 149 looks on a white background.

Color Contrast Check

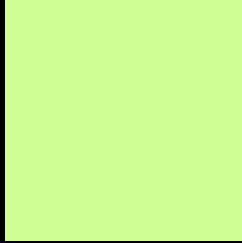
Large Text (above 18pt) WCAG AA × Fail

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 207, 254, 149 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 207, 254, 149 Background



This preview shows how black text looks on a background with the RGB color 207, 254, 149.

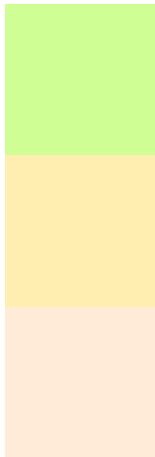


This preview shows how white text looks on a background with the RGB color 207, 254, 149.

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
207, 254, 149

Protanopia
255, 238, 175

Deuteranopia
255, 235, 216



Tritanopia

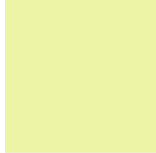
227, 240, 255

Trichromacy



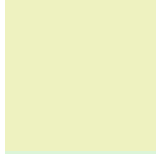
Original Color

207, 254, 149



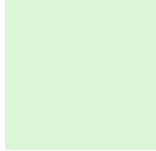
Protanomaly

238, 244, 166



Deuteranomaly

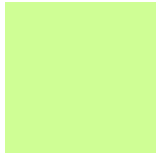
238, 242, 192



Tritanomaly

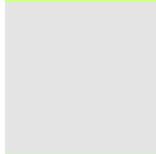
220, 245, 216

Monochromacy



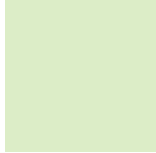
Original Color

207, 254, 149



Achromatopsia

228, 228, 228



Achromatomaly

220, 237, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 254, 149 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(207, 254, 149)` looks like.

```
.text, #text, p{  
    color:rgb(207, 254, 149)  
}
```

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(207, 254, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 254, 149) }
```

Border

The CSS property to change the border of an element to RGB 207, 254, 149 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(207, 254, 149) }
```

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

```
.border{ border-color:rgb(207, 254, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 254, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 254, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 254, 149);  
box-shadow:4px 4px 4px 4px rgb(207, 254,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 207, 254, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 254, 149) }
```

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

```
.background{ background-color: rgb(207,  
254, 149) }
```

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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