

Converting Colors

RGB(196, 254, 138)

Have a look what the booklet for
RGB(196, 254, 138) contains.

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Color

RGB(196, 254, 138)

Conversions

Conversions Part 1

Format	Color
Hex	C4FE8A
RGB	196, 254, 138
RGB Percent	77%, 100%, 54%
CMY	0.2314, 0.0039, 0.4588
CMYK	0.23, 0.00, 0.46, 0.00
HSL	90°, 98%, 77%
HSV	90°, 46%, 100%
XYZ	62.7942, 84.4544, 37.0365
YIQ	223.4340, 2.6680, -48.3720

Conversions

Conversions Part 2

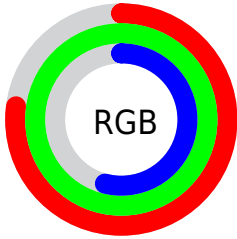
Format	Color
RYB	138, 254, 196
Decimal	12910218
CIELab	93.65, -37.14, 49.44
CIELCh	94, 61.835, 126.919
Yxy	84.4544, 0.3407, 0.4583
Android (android.graphics.Color)	4291100298 (0xFFC4FE8A)
YUV	223.4340, -42.1190, -24.0596
Hunter-Lab	91.8991, -38.8551, 40.4347

Details

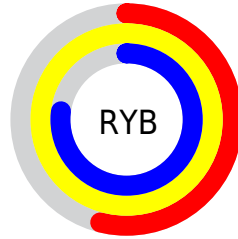
The RGB color **196, 254, 138** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **196, 138, 254**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **254, 255, 193**, and **140, 197, 85** is the 20% darker color. If you saturate the color by 10%, you get **183, 254, 113**, and if you desaturate by 10%, it is **209, 254, 163**.

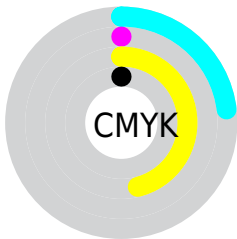
Distribution



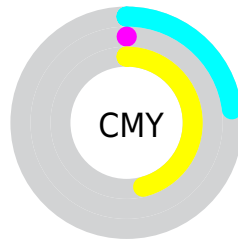
- Red (77%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (77%)



- Cyan (23%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 254, 138 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 196, 254, 138 by changing the saturation by 10% instead.

 196, 254, 138

255, 255, 255

 254, 255, 193

 255, 255, 222

 255, 255, 251


 196, 254, 138

 168, 225, 111

 140, 197, 85

 112, 170, 59

 85, 143, 32

 58, 117, 0

 30, 92, 0

 0, 68, 0

 0, 45, 0

 0, 21, 0

■ 196, 254, 138

■ 196, 254, 138

■ 183, 254, 113

■ 209, 254, 163

■ 171, 254, 87

■ 221, 254, 189

■ 158, 254, 62

■ 234, 254, 214

■ 145, 254, 36

■ 247, 254, 240

■ 132, 254, 11

255, 254, 255

■ 127, 254, 0

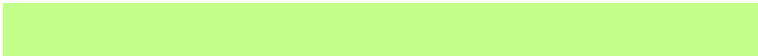
Harmonies

Analogous

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



255, 238, 114



196, 254, 138



114, 255, 188

Triad

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



196, 254, 138



0, 255, 255



255, 187, 225

Complementary

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



196, 254, 138



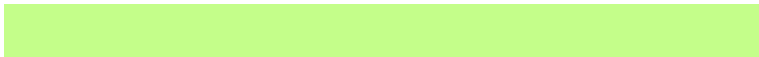
196, 138, 254

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, 195, 255



196, 254, 138



162, 238, 255

Square

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



196, 254, 138



0, 255, 255



255, 216, 255



255, 197, 168

Rectangle

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



196, 254, 138



0, 255, 228



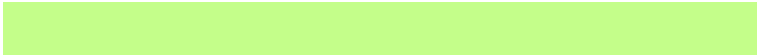
255, 216, 255



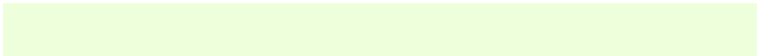
255, 188, 245

Sweetspot

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



196, 254, 138



237, 255, 219



254, 196, 138



117, 128, 106



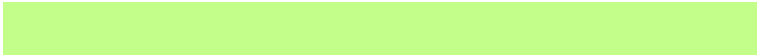
0, 0, 0



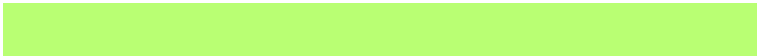
128, 128, 128

Same Dimension

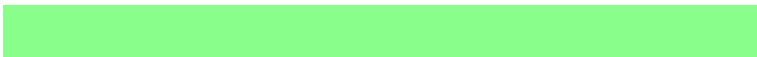
The Same Dimension uses a secret algorithm to generate beautiful new colors.



196, 254, 138



185, 255, 115



138, 254, 138



121, 128, 115



96, 191, 0



32, 64, 0

Inverse Universe

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



196, 138, 254



185, 115, 255



254, 138, 254



121, 115, 128



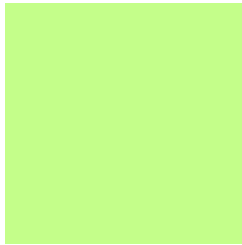
96, 0, 191



32, 0, 64

Previews

White Background



This preview shows how the RGB color 196, 254, 138 looks on a white background.

Color Contrast Check

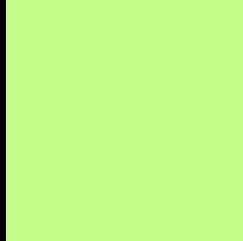
Large Text (above 18pt) WCAG AA × Fail

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 196, 254, 138 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 196, 254, 138 Background



This preview shows how black text looks on a background with the RGB color 196, 254, 138.

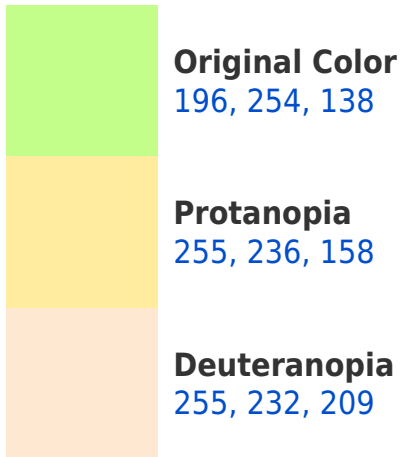


This preview shows how white text looks on a background with the RGB color 196, 254, 138.

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](#).

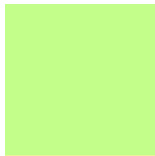
Dichromacy





Tritanopia
218, 239, 255

Trichromacy



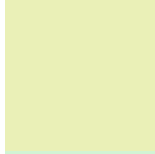
Original Color

196, 254, 138



Protanomaly

234, 243, 151



Deuteranomaly

234, 240, 183



Tritanomaly

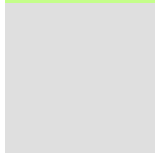
210, 244, 212

Monochromacy



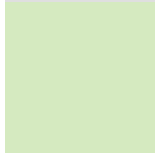
Original Color

196, 254, 138



Achromatopsia

223, 223, 223



Achromatomaly

213, 234, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 254, 138 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(196, 254, 138)` looks like.

```
.text, #text, p{  
    color:rgb(196, 254, 138)  
}
```

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(196, 254, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 254, 138) }
```

Border

The CSS property to change the border of an element to RGB 196, 254, 138 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(196, 254, 138) }
```

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

```
.border{ border-color:rgb(196, 254, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 254, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 254, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 254, 138);  
box-shadow:4px 4px 4px 4px rgb(196, 254,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 196, 254, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 254, 138) }
```

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

```
.background{ background-color: rgb(196,  
254, 138) }
```

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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