

Converting Colors

RGB(170, 249, 108)

Have a look what the booklet for
RGB(170, 249, 108) contains.

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Color

RGB(170, 249, 108)

Conversions

Conversions Part 1

Format	Color
Hex	AAF96C
RGB	170, 249, 108
RGB Percent	67%, 98%, 42%
CMY	0.3333, 0.0235, 0.5765
CMYK	0.32, 0.00, 0.57, 0.02
HSL	94°, 92%, 70%
HSV	94°, 57%, 98%
XYZ	53.1600, 77.3801, 26.3214
YIQ	209.3050, -1.8230, -60.5990

Conversions

Conversions Part 2

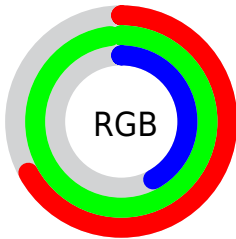
Format	Color
R _{YB}	108, 249, 187
Decimal	11204972
CIE Lab	90.50, -47.08, 59.03
CIE LCh	90, 75.501, 128.576
Yxy	77.3801, 0.3389, 0.4933
Android (android.graphics.Color)	4289395052 (0xFFAAF96C)
YUV	209.3050, -49.9434, -34.4705
Hunter-Lab	87.9660, -46.0685, 43.8353

Details

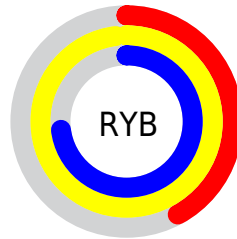
The RGB color **170, 249, 108** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **187, 108, 249**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **229, 255, 163**, and **113, 192, 53** is the 20% darker color. If you saturate the color by 10%, you get **156, 249, 83**, and if you desaturate by 10%, it is **184, 249, 133**.

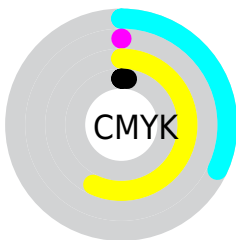
Distribution



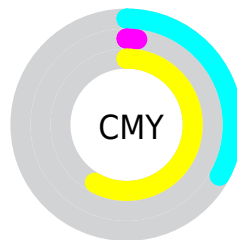
- Red (67%)
- Green (98%)
- Blue (42%)



- Red (42%)
- Yellow (98%)
- Blue (73%)



- Cyan (32%)
- Magenta (0%)
- Yellow (57%)
- Black (2%)



- Cyan (33%)
- Magenta (2%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 249, 108 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 170, 249, 108 by changing the saturation by 10% instead.

 170, 249, 108

255, 255, 255


 229, 255, 163

 255, 255, 191


 255, 255, 220

 255, 255, 249

 170, 249, 108

 141, 220, 81

 113, 192, 53

 84, 165, 19

 54, 138, 0

 17, 112, 0

 0, 87, 0

 0, 62, 0

 0, 41, 0

 0, 3, 0

■ 170, 249, 108

■ 170, 249, 108

■ 156, 249, 83

■ 184, 249, 133

■ 142, 249, 58

■ 198, 249, 158

■ 128, 249, 33

■ 212, 249, 183

■ 114, 249, 8

■ 226, 249, 208

■ 109, 249, 0

■ 240, 249, 233

■ 254, 249, 255

■ 255, 249, 255

Harmonies

Analogous

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



248, 231, 73



170, 249, 108



1, 255, 172

Triad

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



170, 249, 108



0, 250, 255



255, 162, 210

Complementary

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



170, 249, 108



187, 108, 249

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, 172, 255



170, 249, 108



125, 229, 255

Square

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



170, 249, 108



0, 255, 255



255, 200, 255



255, 177, 141

Rectangle

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



170, 249, 108



0, 255, 222



255, 200, 255



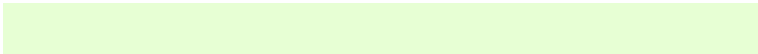
255, 162, 234

Sweetspot

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



170, 249, 108



231, 255, 212



249, 186, 108



113, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



170, 249, 108



158, 255, 82



108, 249, 115



118, 125, 112



83, 189, 0



27, 61, 0

Inverse Universe

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



187, 108, 249



179, 82, 255



249, 108, 242



119, 112, 125



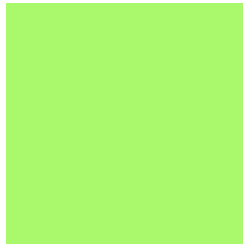
106, 0, 189



34, 0, 61

Previews

White Background



This preview shows how the RGB color 170, 249, 108 looks on a white background.

Color Contrast Check

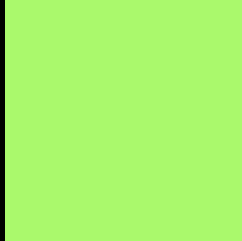
Large Text (above 18pt) WCAG AA × Fail

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 170, 249, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

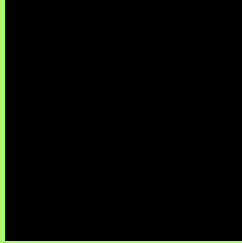
Any Text WCAG AA ✓ Pass

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 170, 249, 108 Background



This preview shows how black text looks on a background with the RGB color 170, 249, 108.

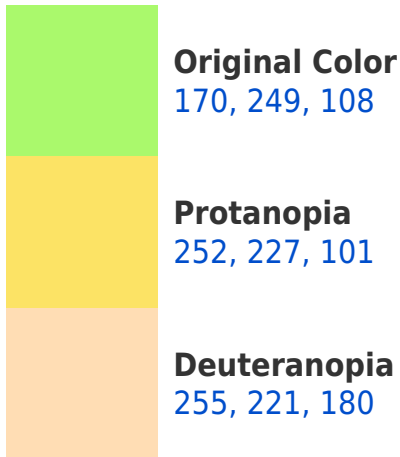


This preview shows how white text looks on a background with the RGB color 170, 249, 108.

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





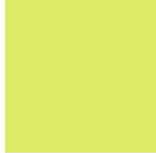
Tritanopia
191, 234, 253

Trichromacy



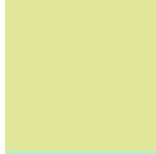
Original Color

170, 249, 108



Protanomaly

222, 235, 104



Deuteranomaly

224, 231, 154



Tritanomaly

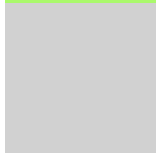
183, 239, 200

Monochromacy



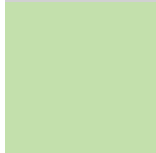
Original Color

170, 249, 108



Achromatopsia

209, 209, 209



Achromatomaly

195, 224, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 249, 108 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(170, 249, 108)` looks like.

```
.text, #text, p{  
    color:rgb(170, 249, 108)  
}
```

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(170, 249, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 249, 108) }
```

Border

The CSS property to change the border of an element to RGB 170, 249, 108 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(170, 249, 108) }
```

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

```
.border{ border-color:rgb(170, 249, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 249, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 249, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 249, 108);  
box-shadow:4px 4px 4px 4px rgb(170, 249,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 170, 249, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 249, 108) }
```

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

```
.background{ background-color: rgb(170,  
249, 108) }
```

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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