

Converting Colors

RGB(178, 252, 107)

Have a look what the booklet for
RGB(178, 252, 107) contains.

RGB(178, 252, 107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(178, 252, 107)

Conversions

Conversions Part 1

Format	Color
Hex	B2FC6B
RGB	178, 252, 107
RGB Percent	70%, 99%, 42%
CMY	0.3020, 0.0118, 0.5804
CMYK	0.29, 0.00, 0.58, 0.01
HSL	91°, 96%, 70%
HSV	91°, 58%, 99%
XYZ	55.8243, 80.1473, 26.4376
YIQ	213.3440, 2.4410, -60.7830

Conversions

Conversions Part 2

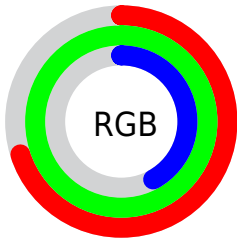
Format	Color
RYB	107, 252, 181
Decimal	11730027
CIELab	91.75, -45.72, 61.01
CIELCh	92, 76.234, 126.847
Yxy	80.1473, 0.3437, 0.4935
Android (android.graphics.Color)	4289920107 (0xFFB2FC6B)
YUV	213.3440, -52.4276, -30.9967
Hunter-Lab	89.5250, -45.3631, 45.1586

Details

The RGB color **178, 252, 107** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **181, 107, 252**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **237, 255, 162**, and **121, 195, 51** is the 20% darker color. If you saturate the color by 10%, you get **165, 252, 82**, and if you desaturate by 10%, it is **191, 252, 132**.

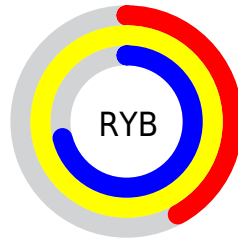
Distribution



Red (70%)

Green (99%)

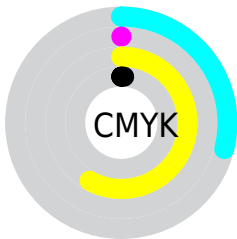
Blue (42%)



Red (42%)

Yellow (99%)

Blue (71%)

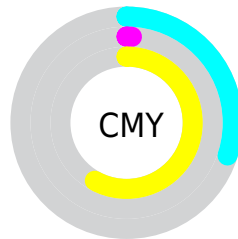


Cyan (29%)

Magenta (0%)

Yellow (58%)

Black (1%)



Cyan (30%)

Magenta (1%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 252, 107 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 178, 252, 107 by changing the saturation by 10% instead.

 178, 252, 107

255, 255, 255

 237, 255, 162


 255, 255, 191


 255, 255, 220

 255, 255, 249

 178, 252, 107

 149, 223, 80

 121, 195, 51

 92, 167, 15

 63, 141, 0

 30, 115, 0

 0, 89, 0

 0, 65, 0

 0, 43, 0

 0, 12, 0

■ 178, 252, 107

■ 178, 252, 107

■ 165, 252, 82

■ 191, 252, 132

■ 152, 252, 57

■ 204, 252, 157

■ 139, 252, 31

■ 217, 252, 183

■ 127, 252, 6

■ 229, 252, 208

■ 123, 252, 0

■ 242, 252, 233

■ 255, 252, 255

Harmonies

Analogous

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



255, 233, 74



178, 252, 107



41, 255, 171

Triad

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



178, 252, 107



0, 254, 255



255, 164, 217

Complementary

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



178, 252, 107



181, 107, 252

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, 176, 255



178, 252, 107



115, 234, 255

Square

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



178, 252, 107



0, 255, 255



255, 205, 255



255, 179, 147

Rectangle

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



178, 252, 107



0, 255, 221



255, 205, 255



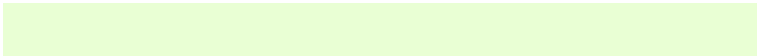
255, 165, 242

Sweetspot

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



178, 252, 107



233, 255, 212



252, 180, 107



114, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



178, 252, 107



165, 255, 79



107, 252, 107



119, 125, 112



92, 189, 0



30, 61, 0

Inverse Universe

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



181, 107, 252



169, 79, 255



252, 107, 252



119, 112, 125



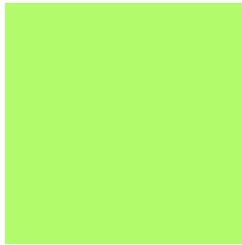
96, 0, 189



31, 0, 61

Previews

White Background



This preview shows how the RGB color 178, 252, 107 looks on a white background.

Color Contrast Check

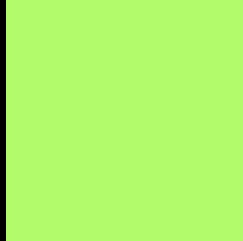
Large Text (above 18pt) WCAG AA × Fail

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 178, 252, 107 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

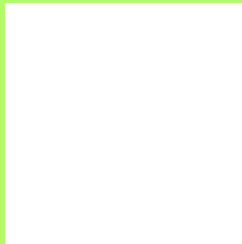
Any Text WCAG AAA ✓ Pass

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

RGB 178, 252, 107 Background



This preview shows how black text looks on a background with the RGB color 178, 252, 107.

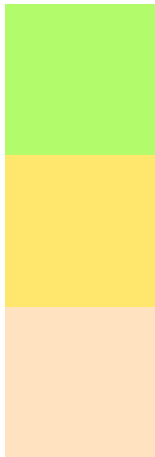


This preview shows how white text looks on a background with the RGB color 178, 252, 107.

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
178, 252, 107

Protanopia
255, 231, 110

Deuteranopia
255, 226, 191



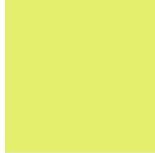
Tritanopia
200, 236, 255

Trichromacy



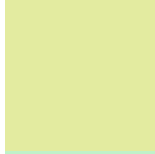
Original Color

178, 252, 107



Protanomaly

227, 239, 109



Deuteranomaly

227, 235, 160



Tritanomaly

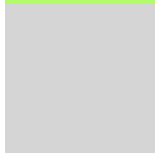
192, 242, 201

Monochromacy



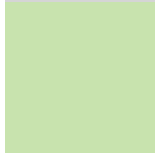
Original Color

178, 252, 107



Achromatopsia

213, 213, 213



Achromatomaly

200, 227, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 252, 107 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(178, 252, 107)` looks like.

```
.text, #text, p{  
    color:rgb(178, 252, 107)  
}
```

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(178, 252, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 252, 107) }
```

Border

The CSS property to change the border of an element to RGB 178, 252, 107 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(178, 252, 107) }
```

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

```
.border{ border-color:rgb(178, 252, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 252, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 252, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 252, 107);  
box-shadow:4px 4px 4px 4px rgb(178, 252,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 178, 252, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 252, 107) }
```

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

```
.background{ background-color: rgb(178,  
252, 107) }
```

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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