

Converting Colors

RGB(178, 240, 119)

Have a look what the booklet for
RGB(178, 240, 119) contains.

RGB(178, 240, 119)	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, 240, 119)

Conversions

Conversions Part 1

Format	Color
Hex	B2F077
RGB	178, 240, 119
RGB Percent	70%, 94%, 47%
CMY	0.3020, 0.0588, 0.5333
CMYK	0.26, 0.00, 0.50, 0.06
HSL	91°, 80%, 70%
HSV	91°, 50%, 94%
XYZ	52.8500, 73.1171, 28.7803
YIQ	207.6680, 1.8890, -50.7750

Conversions

Conversions Part 2

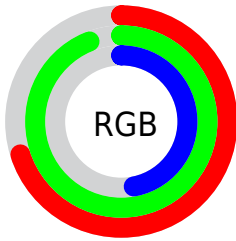
Format	Color
RYB	119, 240, 181
Decimal	11726967
CIELab	88.50, -39.29, 51.82
CIELCh	89, 65.036, 127.168
Yxy	73.1171, 0.3415, 0.4725
Android (android.graphics.Color)	4289917047 (0xFFB2F077)
YUV	207.6680, -43.7133, -26.0188
Hunter-Lab	85.5085, -39.3150, 39.9003

Details

The RGB color **178, 240, 119** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **181, 119, 240**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **236, 255, 174**, and **122, 184, 66** is the 20% darker color. If you saturate the color by 10%, you get **166, 240, 95**, and if you desaturate by 10%, it is **190, 240, 143**.

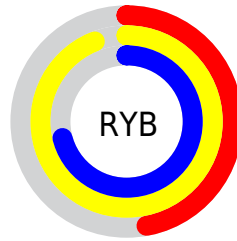
Distribution



Red (70%)

Green (94%)

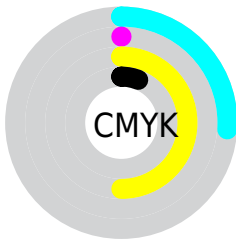
Blue (47%)



Red (47%)

Yellow (94%)

Blue (71%)

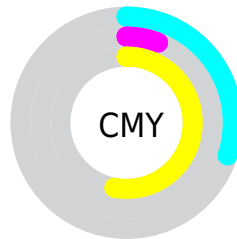


Cyan (26%)

Magenta (0%)

Yellow (50%)

Black (6%)



Cyan (30%)

Magenta (6%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 240, 119 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, 240, 119 by changing the saturation by 10% instead.

 178, 240, 119

255, 255, 255

 236, 255, 174


 255, 255, 202

 255, 255, 230

 178, 240, 119

 150, 211, 92

 122, 184, 66

 95, 156, 39

 67, 130, 3

 39, 104, 0

 2, 80, 0


 0, 56, 0

 0, 36, 0


 0, 0, 0

 178, 240, 119


 178, 240, 119

 166, 240, 95

 190, 240, 143

 153, 240, 71

 203, 240, 167

 141, 240, 47

 215, 240, 191

 129, 240, 23

 227, 240, 215

 117, 240, 0

 239, 240, 239

 252, 240, 255

 255, 240, 255

Harmonies

Analogous

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



244, 224, 93



178, 240, 119



85, 250, 172

Triad

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



178, 240, 119



0, 241, 255



255, 168, 210

Complementary

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



178, 240, 119



181, 119, 240

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, 177, 255



178, 240, 119



139, 224, 255

Square

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



178, 240, 119



0, 251, 255



246, 200, 255



255, 180, 150

Rectangle

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



178, 240, 119



0, 253, 214



246, 200, 255



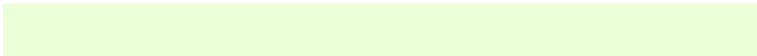
255, 169, 231

Sweetspot

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



178, 240, 119



235, 255, 217



240, 179, 119



116, 128, 105



0, 0, 0



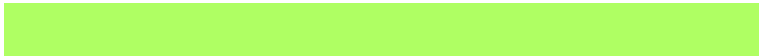
128, 128, 128

Same Dimension

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



178, 240, 119



175, 255, 99



119, 240, 119



114, 120, 108



90, 184, 0



27, 56, 0

Inverse Universe

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



181, 119, 240



179, 99, 255



240, 119, 240



114, 108, 120



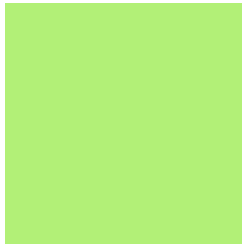
94, 0, 184



29, 0, 56

Previews

White Background



This preview shows how the RGB color 178, 240, 119 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, 240, 119 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, 240, 119 Background



This preview shows how black text looks on a background with the RGB color 178, 240, 119.

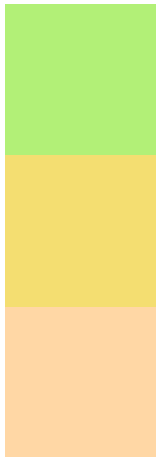


This preview shows how white text looks on a background with the RGB color 178, 240, 119.

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, 240, 119

Protanopia
244, 222, 113

Deuteranopia
255, 215, 165



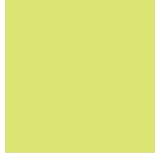
Tritanopia
196, 226, 244

Trichromacy



Original Color

178, 240, 119



Protanomaly

220, 229, 115



Deuteranomaly

227, 224, 148



Tritanomaly

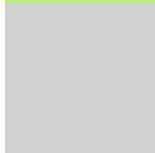
189, 231, 199

Monochromacy



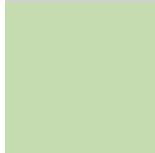
Original Color

178, 240, 119



Achromatopsia

208, 208, 208



Achromatomaly

197, 220, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 240, 119 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, 240, 119)` looks like.

```
.text, #text, p{  
    color:rgb(178, 240, 119)  
}
```

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, 240, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 240, 119) }
```

Border

The CSS property to change the border of an element to RGB 178, 240, 119 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, 240, 119) }
```

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

```
.border{ border-color:rgb(178, 240, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 240, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 240, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 240, 119);  
box-shadow:4px 4px 4px 4px rgb(178, 240,  
119) }
```

Background

The CSS property to change the background color of an element to RGB 178, 240, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 240, 119) }
```

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

```
.background{ background-color: rgb(178,  
240, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor