Converting Colors

RGB(175, 234, 120)

Have a look what the booklet for RGB(175, 234, 120) contains.

Color

RGB(175, 234, 120)

Conversions

Conversions Part 1

Format	Color
Hex	AFEA78
RGB	175, 234, 120
RGB Percent	69%, 92%, 47%
CMY	0.3137, 0.0824, 0.5294
CMYK	0.25, 0.00, 0.49, 0.08
HSL	91°, 73%, 69%
HSV	91°, 49%, 92%
XYZ	50.4922, 69.3157, 28.4873
YIQ	203.3630, 1.4300, -47.9620

Conversions

Conversions Part 2

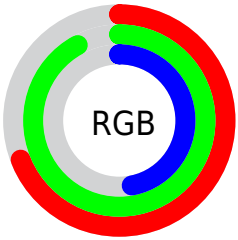
Format	Color
RYB	120, 234, 179
Decimal	11528824
CIELab	86.66, -37.55, 49.08
CIELCh	87, 61.802, 127.419
Yxy	69.3157, 0.3405, 0.4674
Android (android.graphics.Color)	4289718904 (0xFFAFEA78)
YUV	203.3630, -41.0980, -24.8744
Hunter-Lab	83.2560, -37.4434, 37.9922

Details

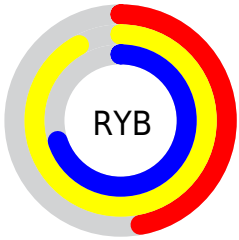
The RGB color 175, 234, 120 is a light color, and the websafe version is hex CCFF99. A complement of this color would be 179, 120, 234, and the grayscale version is 204, 204, 204.

A 20% lighter version of the original color is 233, 255, 174, and 120, 178, 68 is the 20% darker color. If you saturate the color by 10%, you get 163, 234, 97, and if you desaturate by 10%, it is 187, 234, 143.

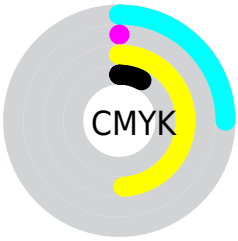
Distribution



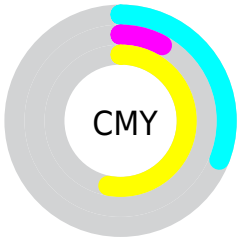
- Red (69%)
- Green (92%)
- Blue (47%)



- Red (47%)
- Yellow (92%)
- Blue (70%)



- Cyan (25%)
- Magenta (0%)
- Yellow (49%)
- Black (8%)



- Cyan (31%)
- Magenta (8%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 234, 120 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 175, 234, 120 by changing the saturation by 10% instead.

175, 234, 120

255, 255, 255

233, 255, 174

255, 255, 202

255, 255, 231

175, 234, 120

147, 206, 94

120, 178, 68

92, 151, 41

65, 125, 9

37, 99, 0

2, 75, 0

0, 52, 0

0, 31, 0

0, 0, 0

175, 234, 120

163, 234, 97

151, 234, 73

139, 234, 50

127, 234, 26

114, 234, 3

113, 234, 0

175, 234, 120

187, 234, 143

199, 234, 167

211, 234, 190

223, 234, 214

236, 234, 237

248, 234, 255

255, 234, 255

Harmonies

Analogous

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

237, 218, 96

175, 234, 120

90, 243, 170

Triad

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

175, 234, 120

0, 235, 255

255, 167, 205

Complementary

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

175, 234, 120

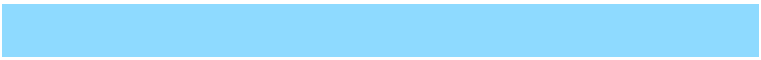
179, 120, 234

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, 175, 255

175, 234, 120



142, 218, 255

Square

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

175, 234, 120

0, 244, 255

241, 196, 255

255, 177, 149

Rectangle

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

175, 234, 120

0, 246, 210

241, 196, 255

255, 167, 224

Sweetspot

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

175, 234, 120

235, 255, 217

234, 179, 120

116, 128, 105

0, 0, 0

128, 128, 128

Same Dimension

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

175, 234, 120

178, 255, 107

120, 234, 122

111, 117, 106

87, 181, 0

26, 54, 0

Inverse Universe

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

179, 120, 234

184, 107, 255

234, 120, 232

112, 106, 117

94, 0, 181

28, 0, 54

Previews

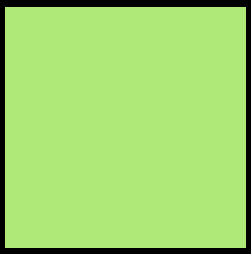
White Background

This preview shows how the RGB color 175, 234, 120 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



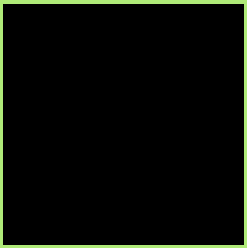
This preview shows how the RGB color 175, 234, 120 looks on a black background.

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 175, 234, 120 Background



This preview shows how black text looks on a background with the RGB color 175, 234, 120.

This preview shows how white text looks on a background with the RGB color 175, 234, 120.

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
175, 234, 120

Protanopia
238, 216, 114

Deuteranopia
255, 208, 148

Tritanopia
192, 221, 238

Trichromacy

Original Color
175, 234, 120

Protanomaly
215, 223, 116

Deuteranomaly
226, 217, 138

Tritanomaly
186, 226, 195

Monochromacy

Original Color
175, 234, 120

Achromatopsia
203, 203, 203

Achromatomaly
193, 214, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 234, 120 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(175, 234, 120) looks like.

```
.text, #text, p{
    color:rgb(175, 234, 120)
}
```

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(175, 234, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 234, 120) }
```

Border

The CSS property to change the border of an element to RGB 175, 234, 120 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(175, 234, 120) }
```

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

```
.border{ border-color:rgb(175, 234, 120) }
```

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

Here you see how a box with a 4 pixel rgb(175, 234, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 234, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 234, 120); box-shadow:4px 4px 4px 4px rgb(175, 234, 120) }
```

Background

The CSS property to change the background color of an element to RGB 175, 234, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(175, 234, 120) }
```

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

```
.background{ background-color:rgb(175,
234, 120) }
```

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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