Converting Colors

RGB(176, 234, 145)

Have a look what the booklet for RGB(176, 234, 145) contains.

Color

RGB(176, 234, 145)

Conversions

Conversions Part 1

Format	Color
Hex	B0EA91
RGB	176, 234, 145
RGB Percent	69%, 92%, 57%
CMY	0.3098, 0.0824, 0.4314
CMYK	0.25, 0.00, 0.38, 0.08
HSL	99°, 68%, 74%
HSV	99°, 38%, 92%
XYZ	52.4381, 70.1201, 37.5588
YIQ	206.5120, -5.9990, -39.9750

Conversions

Conversions Part 2

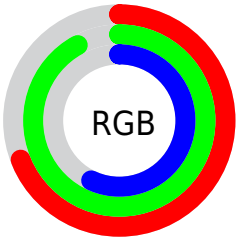
Format	Color
RYB	145, 234, 203
Decimal	11594385
CIELab	87.06, -34.12, 37.42
CIELCh	87, 50.640, 132.362
Yxy	70.1201, 0.3275, 0.4379
Android (android.graphics.Color)	4289784465 (0xFFB0EA91)
YUV	206.5120, -30.3254, -26.7590
Hunter-Lab	83.7377, -34.7610, 32.0231

Details

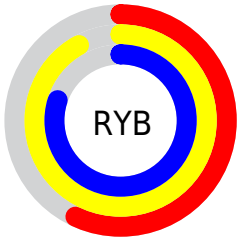
The RGB color 176, 234, 145 is a light color, and the websafe version is hex CCFF99. A complement of this color would be 203, 145, 234, and the grayscale version is 207, 207, 207.

A 20% lighter version of the original color is 233, 255, 200, and 121, 178, 93 is the 20% darker color. If you saturate the color by 10%, you get 161, 234, 122, and if you desaturate by 10%, it is 191, 234, 168.

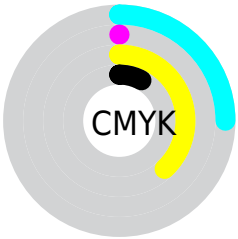
Distribution



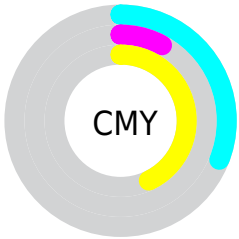
- Red (69%)
- Green (92%)
- Blue (57%)



- Red (57%)
- Yellow (92%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (38%)
- Black (8%)



- Cyan (31%)
- Magenta (8%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 234, 145 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 176, 234, 145 by changing the saturation by 10% instead.

176, 234, 145

255, 255, 255

233, 255, 200

255, 255, 228

176, 234, 145

148, 206, 119

121, 178, 93

95, 151, 68

69, 125, 44

43, 100, 19

12, 75, 0

0, 52, 0

0, 32, 0

0, 0, 0

176, 234, 145

161, 234, 122

146, 234, 98

130, 234, 75

115, 234, 51

100, 234, 28

85, 234, 5

82, 234, 0

176, 234, 145

191, 234, 168

206, 234, 192

222, 234, 215

237, 234, 239

252, 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.

229, 222, 122

176, 234, 145

112, 241, 187

Triad

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

176, 234, 145

81, 231, 255

255, 180, 200

Complementary

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

176, 234, 145

203, 145, 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, 183, 248

176, 234, 145

179, 216, 255

Square

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

176, 234, 145

0, 240, 255

249, 198, 255

255, 189, 155

Rectangle

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

176, 234, 145

49, 243, 220

249, 198, 255

255, 179, 216

Sweetspot

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

176, 234, 145

237, 255, 227

234, 203, 145

117, 128, 111

0, 0, 0

128, 128, 128

Same Dimension

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

176, 234, 145

179, 255, 138

145, 234, 158

110, 117, 106

63, 181, 0

19, 54, 0

Inverse Universe

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

203, 145, 234

214, 138, 255

234, 145, 221

113, 106, 117

118, 0, 181

35, 0, 54

Previews

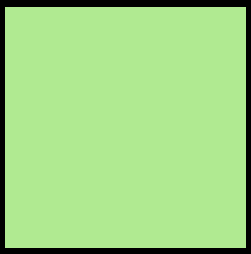
White Background

This preview shows how the RGB color 176, 234, 145 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



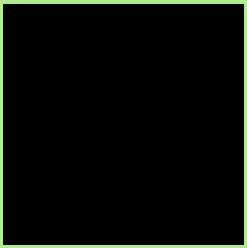
This preview shows how the RGB color 176, 234, 145 looks on a black background.

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 176, 234, 145 Background



This preview shows how black text looks on a background with the RGB color 176, 234, 145.

This preview shows how white text looks on a background with the RGB color 176, 234, 145.

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
176, 234, 145

Protanopia
237, 217, 138

Deuteranopia
255, 209, 160

Tritanopia
191, 223, 240

Trichromacy

Original Color
176, 234, 145

Protanomaly
215, 223, 141

Deuteranomaly
226, 218, 155

Tritanomaly
186, 227, 205

Monochromacy

Original Color
176, 234, 145

Achromatopsia
207, 207, 207

Achromatomaly
196, 217, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 234, 145 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(176, 234, 145) looks like.

```
.text, #text, p{
    color:rgb(176, 234, 145)
}
```

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(176, 234, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 234, 145) }
```

Border

The CSS property to change the border of an element to RGB 176, 234, 145 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(176, 234, 145) }
```

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

```
.border{ border-color:rgb(176, 234, 145) }
```

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

Here you see how a box with a 4 pixel rgb(176, 234, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 234, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 234, 145); box-shadow:4px 4px 4px 4px rgb(176, 234, 145) }
```

Background

The CSS property to change the background color of an element to RGB 176, 234, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(176, 234, 145) }
```

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

```
.background{ background-color:rgb(176,
234, 145) }
```

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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