Converting Colors

RGB(190, 231, 138)

Have a look what the booklet for RGB(190, 231, 138) contains.

Color

RGB(190, 231, 138)

Conversions

Conversions Part 1

Format	Color
Hex	BEE78A
RGB	190, 231, 138
RGB Percent	75%, 91%, 54%
CMY	0.2549, 0.0941, 0.4588
CMYK	0.18, 0.00, 0.40, 0.09
HSL	86°, 66%, 72%
HSV	86°, 40%, 91%
XYZ	54.3986, 69.9340, 34.6763
YIQ	208.1390, 5.4170, -37.6150

Conversions

Conversions Part 2

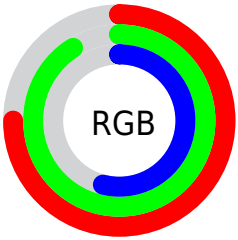
Format	Color
RYB	138, 231, 179
Decimal	12511114
CIELab	86.96, -28.68, 40.94
CIELCh	87, 49.990, 125.010
Yxy	69.9340, 0.3421, 0.4398
Android (android.graphics.Color)	4290701194 (0xFFBEE78A)
YUV	208.1390, -34.5785, -15.9079
Hunter-Lab	83.6265, -30.2332, 33.9536

Details

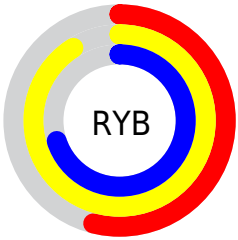
The RGB color 190, 231, 138 is a light color, and the websafe version is hex CCFF99. A complement of this color would be 179, 138, 231, and the grayscale version is 208, 208, 208.

A 20% lighter version of the original color is 247, 255, 193, and 135, 175, 86 is the 20% darker color. If you saturate the color by 10%, you get 180, 231, 115, and if you desaturate by 10%, it is 200, 231, 161.

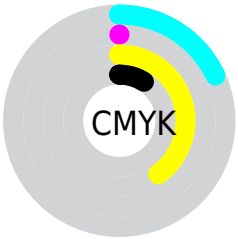
Distribution



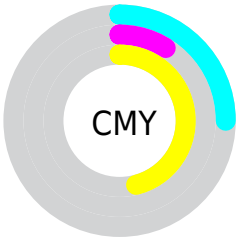
- Red (75%)
- Green (91%)
- Blue (54%)



- Red (54%)
- Yellow (91%)
- Blue (70%)



- Cyan (18%)
- Magenta (0%)
- Yellow (40%)
- Black (9%)



- Cyan (25%)
- Magenta (9%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 231, 138 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 190, 231, 138 by changing the saturation by 10% instead.

190, 231, 138

255, 255, 255

247, 255, 193

255, 255, 221

255, 255, 250

190, 231, 138

162, 203, 112

135, 175, 86

108, 148, 61

83, 123, 36

57, 97, 8

32, 73, 0

2, 50, 0

0, 32, 0

0, 0, 0

190, 231, 138

180, 231, 115

170, 231, 92

159, 231, 69

149, 231, 46

139, 231, 23

129, 231, 0

190, 231, 138

200, 231, 161

210, 231, 184

221, 231, 207

231, 231, 230

241, 231, 254

251, 231, 255

255, 231, 255

Harmonies

Analogous

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

240, 218, 122

190, 231, 138

130, 239, 176

Triad

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

190, 231, 138

53, 233, 255

255, 180, 212

Complementary

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

190, 231, 138

179, 138, 231

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, 187, 255

190, 231, 138

159, 220, 255

Square

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

190, 231, 138

0, 241, 255

233, 202, 255

255, 186, 166

Rectangle

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

190, 231, 138

80, 242, 208

233, 202, 255

255, 181, 228

Sweetspot

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

190, 231, 138

242, 255, 224

231, 178, 138

120, 128, 110

0, 0, 0

128, 128, 128

Same Dimension

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

190, 231, 138

201, 255, 133

144, 231, 138

110, 115, 103

100, 179, 0

29, 51, 0

Inverse Universe

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

179, 138, 231

187, 133, 255

225, 138, 231

108, 103, 115

79, 0, 179

22, 0, 51

Previews

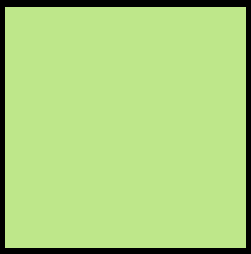
White Background

This preview shows how the RGB color 190, 231, 138 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



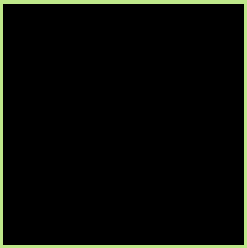
This preview shows how the RGB color 190, 231, 138 looks on a black background.

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 190, 231, 138 Background



This preview shows how black text looks on a background with the RGB color 190, 231, 138.

This preview shows how white text looks on a background with the RGB color 190, 231, 138.

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
190, 231, 138

Protanopia
237, 217, 133

Deuteranopia
255, 209, 157

Tritanopia
204, 219, 237

Trichromacy

Original Color
190, 231, 138

Protanomaly
220, 222, 135

Deuteranomaly
231, 217, 150

Tritanomaly
199, 223, 201

Monochromacy

Original Color
190, 231, 138

Achromatopsia
208, 208, 208

Achromatomaly
201, 216, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 231, 138 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(190, 231, 138) looks like.

```
.text, #text, p{
    color:rgb(190, 231, 138)
}
```

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(190, 231, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 231, 138) }
```

Border

The CSS property to change the border of an element to RGB 190, 231, 138 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(190, 231, 138) }
```

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

```
.border{ border-color:rgb(190, 231, 138) }
```

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

Here you see how a box with a 4 pixel rgb(190, 231, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 231, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 231, 138); box-shadow:4px 4px 4px 4px rgb(190, 231, 138) }
```

Background

The CSS property to change the background color of an element to RGB 190, 231, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(190, 231, 138) }
```

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

```
.background{ background-color:rgb(190,
231, 138) }
```

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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