Converting Colors

RGB(230, 242, 174)

Have a look what the booklet for RGB(230, 242, 174) contains.

Color

RGB(230, 242, 174)

Conversions

Conversions Part 1

Format	Color
Hex	E6F2AE
RGB	230, 242, 174
RGB Percent	90%, 95%, 68%
CMY	0.0980, 0.0510, 0.3176
CMYK	0.05, 0.00, 0.28, 0.05
HSL	71°, 72%, 82%
HSV	71°, 28%, 95%
XYZ	72.0252, 83.3832, 52.3428
YIQ	230.6600, 14.6760, -23.6920

Conversions

Conversions Part 2

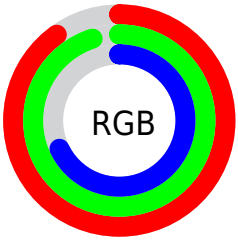
Format	Color
RYB	174, 242, 186
Decimal	15135406
CIELab	93.18, -14.77, 31.57
CIELCh	93, 34.853, 115.065
Yxy	83.3832, 0.3467, 0.4014
Android (android.graphics.Color)	4293325486 (0xFFE6F2AE)
YUV	230.6600, -27.9334, -0.5788
Hunter-Lab	91.3144, -19.0065, 29.9342

Details

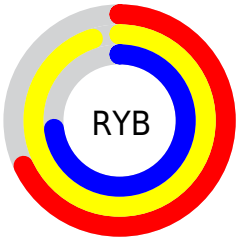
The RGB color 230, 242, 174 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 186, 174, 242, and the grayscale version is 231, 231, 231.

A 20% lighter version of the original color is 255, 255, 230, and 174, 186, 121 is the 20% darker color. If you saturate the color by 10%, you get 226, 242, 150, and if you desaturate by 10%, it is 234, 242, 198.

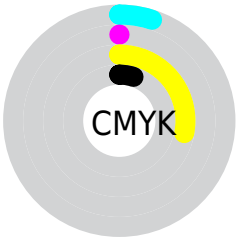
Distribution



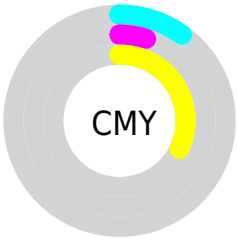
- Red (90%)
- Green (95%)
- Blue (68%)



- Red (68%)
- Yellow (95%)
- Blue (73%)



- Cyan (5%)
- Magenta (0%)
- Yellow (28%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 242, 174 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 230, 242, 174 by changing the saturation by 10% instead.

230, 242, 174

255, 255, 255

255, 255, 230

230, 242, 174

202, 214, 147

174, 186, 121

147, 159, 96

120, 133, 71

95, 108, 48

70, 83, 24

47, 60, 0

24, 38, 0

0, 19, 0

230, 242, 174

226, 242, 150

221, 242, 126

217, 242, 101

213, 242, 77

209, 242, 53

204, 242, 29

200, 242, 5

199, 242, 0

230, 242, 174

234, 242, 198

239, 242, 222

243, 242, 247

247, 242, 255

251, 242, 255

255, 242, 255

Harmonies

Analogous

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

255, 231, 169

230, 242, 174

191, 250, 196

Triad

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

230, 242, 174

145, 249, 255

255, 211, 242

Complementary

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

230, 242, 174

186, 174, 242

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, 218, 255

230, 242, 174

185, 240, 255

Square

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

230, 242, 174

133, 254, 255

233, 229, 255

255, 212, 209

Rectangle

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

230, 242, 174

166, 253, 217

233, 229, 255

255, 213, 254

Sweetspot

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

230, 242, 174

251, 255, 235

242, 185, 174

125, 128, 115

0, 0, 0

128, 128, 128

Same Dimension

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

230, 242, 174

240, 255, 168

197, 242, 174

118, 120, 108

151, 184, 0

46, 56, 0

Inverse Universe

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

186, 174, 242

184, 168, 255

219, 174, 242

110, 108, 120

32, 0, 184

10, 0, 56

Previews

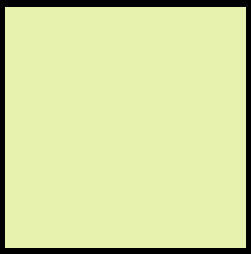
White Background

This preview shows how the RGB color 230, 242, 174 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



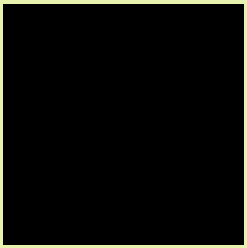
This preview shows how the RGB color 230, 242, 174 looks on a black background.

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 230, 242, 174 Background



This preview shows how black text looks on a background with the RGB color 230, 242, 174.

This preview shows how white text looks on a background with the RGB color 230, 242, 174.

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
230, 242, 174

Protanopia
253, 235, 171

Deuteranopia
255, 231, 212

Tritanopia
240, 232, 250

Trichromacy

Original Color
230, 242, 174

Protanomaly
245, 238, 172

Deuteranomaly
246, 235, 198

Tritanomaly
236, 236, 222

Monochromacy

Original Color
230, 242, 174

Achromatopsia
231, 231, 231

Achromatomaly
231, 235, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 242, 174 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(230, 242, 174) looks like.

```
.text, #text, p{
    color:rgb(230, 242, 174)
}
```

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(230, 242, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 242, 174) }
```

Border

The CSS property to change the border of an element to RGB 230, 242, 174 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(230, 242, 174) }
```

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

```
.border{ border-color:rgb(230, 242, 174) }
```

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

Here you see how a box with a 4 pixel rgb(230, 242, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 242, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 242, 174); box-shadow:4px 4px 4px 4px rgb(230, 242, 174) }
```

Background

The CSS property to change the background color of an element to RGB 230, 242, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(230, 242, 174) }
```

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

```
.background{ background-color:rgb(230,
242, 174) }
```

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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