Converting Colors

RGB(230, 242, 208)

Have a look what the booklet for RGB(230, 242, 208) contains.

Color

RGB(230, 242, 208)

Conversions

Conversions Part 1

Format	Color
Hex	E6F2D0
RGB	230, 242, 208
RGB Percent	90%, 95%, 82%
CMY	0.0980, 0.0510, 0.1843
CMYK	0.05, 0.00, 0.14, 0.05
HSL	81°, 57%, 88%
HSV	81°, 14%, 95%
XYZ	75.7704, 84.8813, 72.0647
YIQ	234.5360, 3.7620, -13.1180

Conversions

Conversions Part 2

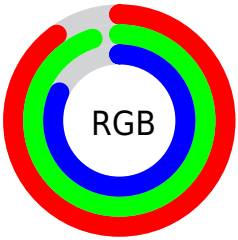
Format	Color
RYB	208, 242, 220
Decimal	15135440
CIELab	93.83, -9.80, 15.07
CIELCh	94, 17.976, 123.032
Yxy	84.8813, 0.3256, 0.3647
Android (android.graphics.Color)	4293325520 (0xFFE6F2D0)
YUV	234.5360, -13.0822, -3.9781
Hunter-Lab	92.1311, -14.4274, 18.1152

Details

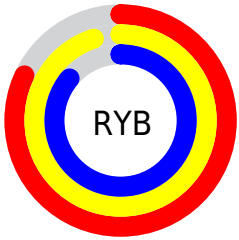
The RGB color 230, 242, 208 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 220, 208, 242, and the grayscale version is 235, 235, 235.

A 20% lighter version of the original color is 255, 255, 255, and 174, 186, 154 is the 20% darker color. If you saturate the color by 10%, you get 221, 242, 184, and if you desaturate by 10%, it is 239, 242, 232.

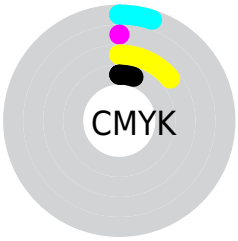
Distribution



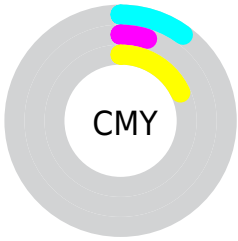
- Red (90%)
- Green (95%)
- Blue (82%)



- Red (82%)
- Yellow (95%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 242, 208 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, 208 by changing the saturation by 10% instead.

230, 242, 208

255, 255, 255

230, 242, 208

202, 214, 180

174, 186, 154

148, 159, 128

122, 133, 102

97, 108, 78

73, 83, 55

50, 60, 34

29, 38, 12

0, 19, 0

230, 242, 208

221, 242, 184

213, 242, 160

204, 242, 135

196, 242, 111

187, 242, 87

179, 242, 63

170, 242, 39

162, 242, 14

157, 242, 0

230, 242, 208

239, 242, 232

247, 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.

250, 237, 203

230, 242, 208

211, 246, 221

Triad

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

230, 242, 208

202, 243, 255

255, 225, 236

Complementary

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

230, 242, 208

220, 208, 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, 227, 253

230, 242, 208

221, 238, 255

Square

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

230, 242, 208

193, 247, 255

243, 232, 255

255, 227, 219

Rectangle

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

230, 242, 208

200, 247, 232

243, 232, 255

255, 226, 242

Sweetspot

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

230, 242, 208

251, 255, 245

242, 220, 208

125, 128, 121

0, 0, 0

128, 128, 128

Same Dimension

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

230, 242, 208

240, 255, 212

213, 242, 208

116, 120, 108

119, 184, 0

36, 56, 0

Inverse Universe

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

220, 208, 242

227, 212, 255

237, 208, 242

112, 108, 120

65, 0, 184

20, 0, 56

Previews

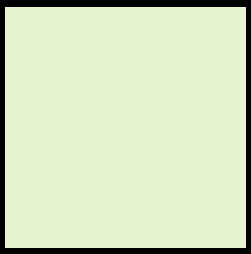
White Background

This preview shows how the RGB color 230, 242, 208 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



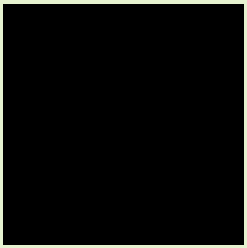
This preview shows how the RGB color 230, 242, 208 looks on a black background.

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, 208 Background



This preview shows how black text looks on a background with the RGB color 230, 242, 208.

This preview shows how white text looks on a background with the RGB color 230, 242, 208.

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, 208

Protanopia
249, 236, 205

Deuteranopia
255, 233, 224

Tritanopia
237, 235, 254

Trichromacy

Original Color
230, 242, 208

Protanomaly
242, 238, 206

Deuteranomaly
246, 236, 218

Tritanomaly
234, 238, 237

Monochromacy

Original Color
230, 242, 208

Achromatopsia
235, 235, 235

Achromatomaly
233, 238, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 242, 208 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, 208) looks like.

```
.text, #text, p{
    color:rgb(230, 242, 208)
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 242, 208) }
```

Border

The CSS property to change the border of an element to RGB 230, 242, 208 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, 208) }
```

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

```
.border{ border-color:rgb(230, 242, 208) }
```

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, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 242, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 242, 208); box-shadow:4px 4px 4px 4px rgb(230, 242, 208) }
```

Background

The CSS property to change the background color of an element to RGB 230, 242, 208 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, 208) }
```

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

```
.background{ background-color:rgb(230,
242, 208) }
```

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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