

Converting Colors

RGB(230, 239, 202)

Have a look what the booklet for
RGB(230, 239, 202) contains.

RGB(230, 239, 202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(230, 239, 202)

Conversions

Conversions Part 1

Format	Color
Hex	E6EFCA
RGB	230, 239, 202
RGB Percent	90%, 94%, 79%
CMY	0.0980, 0.0627, 0.2078
CMYK	0.04, 0.00, 0.15, 0.06
HSL	75°, 54%, 86%
HSV	75°, 15%, 94%
XYZ	74.1603, 82.8203, 67.9544
YIQ	232.0910, 6.5130, -13.4150

Conversions

Conversions Part 2

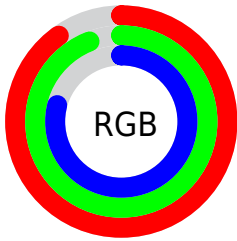
Format	Color
R_{YB}	202, 239, 211
Decimal	15134666
CIE Lab	92.94, -9.24, 16.90
CIE LCh	93, 19.266, 118.670
Yxy	82.8203, 0.3297, 0.3682
Android (android.graphics.Color)	4293324746 (0xFFE6EFCA)
YUV	232.0910, -14.8349, -1.8338
Hunter-Lab	91.0056, -13.8006, 19.4318

Details

The RGB color **230, 239, 202** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **211, 202, 239**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 183, 148** is the 20% darker color. If you saturate the color by 10%, you get **224, 239, 178**, and if you desaturate by 10%, it is **236, 239, 226**.

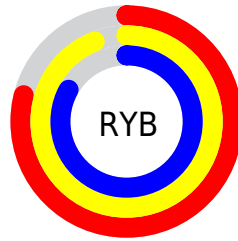
Distribution



Red (90%)

Green (94%)

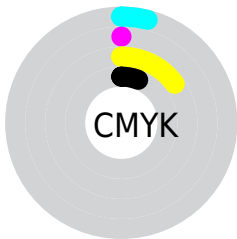
Blue (79%)



Red (79%)

Yellow (94%)

Blue (83%)

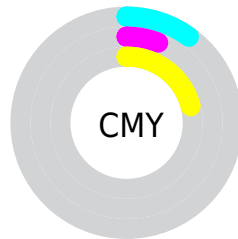


Cyan (4%)

Magenta (0%)

Yellow (15%)

Black (6%)



Cyan (10%)

Magenta (6%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 239, 202 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, 239, 202 by changing the saturation by 10% instead.

■ 230, 239, 202

255, 255, 255

■ 230, 239, 202

■ 202, 211, 175

■ 174, 183, 148

■ 148, 156, 122

■ 122, 130, 97

■ 97, 105, 73

■ 73, 81, 50

■ 50, 58, 29

■ 29, 36, 5

■ 0, 16, 0

230, 239, 202

230, 239, 202

224, 239, 178

236, 239, 226

218, 239, 154

242, 239, 250

213, 239, 130

247, 239, 255

207, 239, 106

253, 239, 255

201, 239, 82

255, 239, 255

195, 239, 59

189, 239, 35

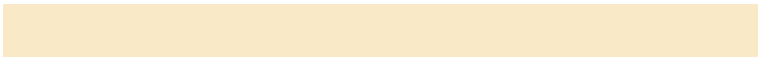
183, 239, 11

181, 239, 0

Harmonies

Analogous

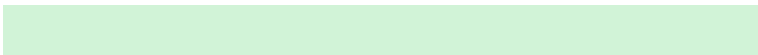
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



250, 233, 198



230, 239, 202



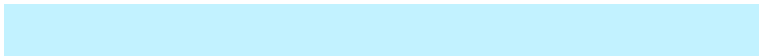
209, 243, 215

Triad

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



230, 239, 202



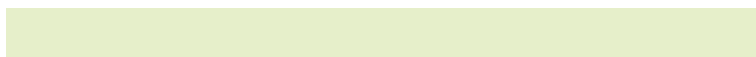
194, 242, 255



255, 222, 236

Complementary

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



230, 239, 202



211, 202, 239

Split Complementary

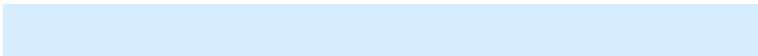
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 225, 254



230, 239, 202



213, 237, 255

Square

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



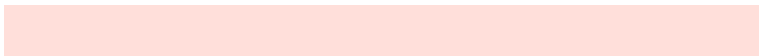
230, 239, 202



186, 245, 252



237, 230, 255



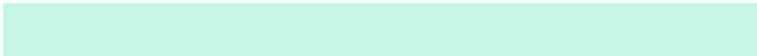
255, 223, 218

Rectangle

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



230, 239, 202



197, 245, 227



237, 230, 255



255, 223, 243

Sweetspot

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



230, 239, 202



252, 255, 242



239, 211, 202



126, 128, 120



0, 0, 0



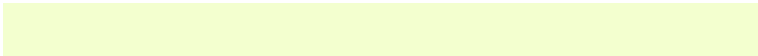
128, 128, 128

Same Dimension

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



230, 239, 202



243, 255, 207



212, 239, 202



117, 120, 108



139, 184, 0



42, 56, 0

Inverse Universe

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



211, 202, 239



218, 207, 255



229, 202, 239



111, 108, 120



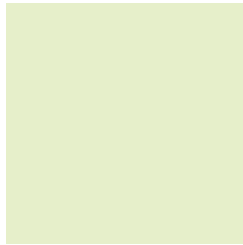
45, 0, 184



14, 0, 56

Previews

White Background



This preview shows how the RGB color 230, 239, 202 looks on a white background.

Color Contrast Check

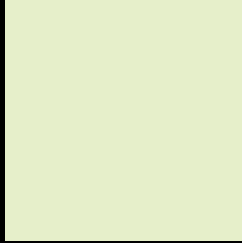
Large Text (above 18pt) WCAG AA × Fail

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, 239, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

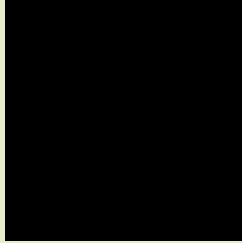
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

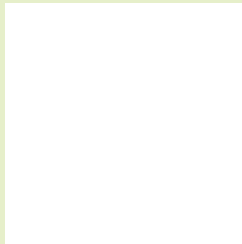
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 230, 239, 202 Background



This preview shows how black text looks on a background with the RGB color 230, 239, 202.



This preview shows how white text looks on a background with the RGB color 230, 239, 202.

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

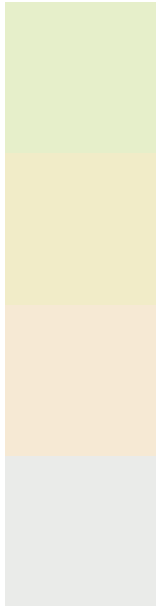




Tritanopia

237, 232, 250

Trichromacy



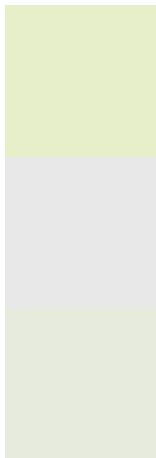
Original Color
230, 239, 202

Protanomaly
241, 236, 200

Deuteranomaly
246, 233, 212

Tritanomaly
234, 235, 233

Monochromacy



Original Color
230, 239, 202

Achromatopsia
232, 232, 232

Achromatomaly
231, 235, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 239, 202 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, 239, 202)` looks like.

```
.text, #text, p{  
    color:rgb(230, 239, 202)  
}
```

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, 239, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 239, 202) }
```

Border

The CSS property to change the border of an element to RGB 230, 239, 202 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, 239, 202) }
```

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

```
.border{ border-color:rgb(230, 239, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 239, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 239, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 239, 202);  
box-shadow:4px 4px 4px 4px rgb(230, 239,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 230, 239, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 239, 202) }
```

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

```
.background{ background-color: rgb(230,  
239, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor