

Converting Colors

RGB(229, 234, 204)

Have a look what the booklet for
RGB(229, 234, 204) contains.

RGB(229, 234, 204)	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(229, 234, 204)

Conversions

Conversions Part 1

Format	Color
Hex	E5EACC
RGB	229, 234, 204
RGB Percent	90%, 92%, 80%
CMY	0.1020, 0.0824, 0.2000
CMYK	0.02, 0.00, 0.13, 0.08
HSL	70°, 42%, 86%
HSV	70°, 13%, 92%
XYZ	72.6350, 79.8633, 68.7136
YIQ	229.0850, 6.6500, -10.3900

Conversions

Conversions Part 2

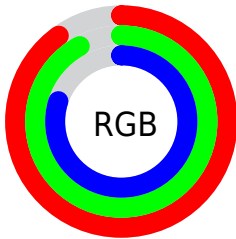
Format	Color
R_{YB}	204, 234, 209
Decimal	15067852
CIE _{Lab}	91.62, -6.76, 14.01
CIE _{LCh}	92, 15.556, 115.778
Yxy	79.8633, 0.3284, 0.3610
Android (android.graphics.Color)	4293257932 (0xFFE5EACC)
YUV	229.0850, -12.3669, -0.0745
Hunter-Lab	89.3663, -11.3099, 16.9684

Details

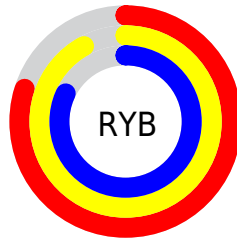
The RGB color **229, 234, 204** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **209, 204, 234**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **173, 178, 150** is the 20% darker color. If you saturate the color by 10%, you get **225, 234, 181**, and if you desaturate by 10%, it is **233, 234, 227**.

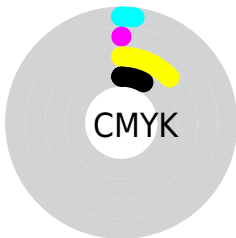
Distribution



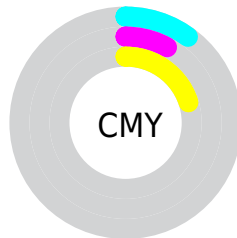
- Red (90%)
- Green (92%)
- Blue (80%)



- Red (80%)
- Yellow (92%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (8%)



- Cyan (10%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 234, 204 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 229, 234, 204 by changing the saturation by 10% instead.

■ 229, 234, 204

255, 255, 255

■ 229, 234, 204

■ 201, 206, 177

■ 173, 178, 150

■ 147, 152, 124

■ 121, 126, 99

■ 96, 101, 75

■ 72, 77, 52

■ 49, 54, 31

■ 29, 33, 8

■ 0, 11, 0

 229, 234, 204

 229, 234, 204

 225, 234, 181

 233, 234, 227

 221, 234, 157

 237, 234, 251

 217, 234, 134

 241, 234, 255

 213, 234, 110


 245, 234, 255

 210, 234, 87


 248, 234, 255

 206, 234, 64

 252, 234, 255

 202, 234, 40

 255, 234, 255

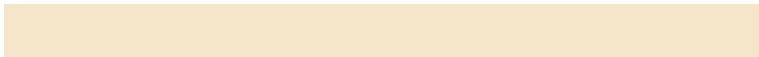
 198, 234, 17

 195, 234, 0

Harmonies

Analogous

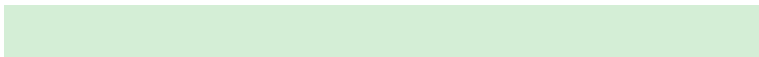
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 229, 201



229, 234, 204



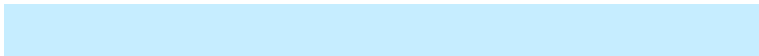
212, 238, 214

Triad

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



229, 234, 204



198, 237, 255



255, 221, 234

Complementary

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



229, 234, 204



209, 204, 234

Split Complementary

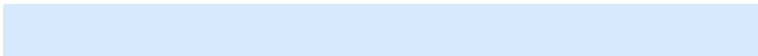
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 223, 248



229, 234, 204



213, 233, 255

Square

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



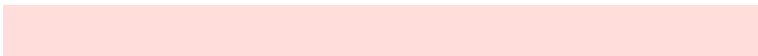
229, 234, 204



193, 240, 243



231, 228, 255



255, 221, 219

Rectangle

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



229, 234, 204



202, 239, 223



231, 228, 255



255, 222, 239

Sweetspot

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



229, 234, 204



253, 255, 245



234, 209, 204



126, 128, 121



0, 0, 0



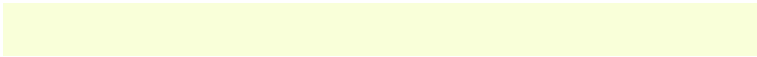
128, 128, 128

Same Dimension

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



229, 234, 204



249, 255, 217



215, 234, 204



115, 117, 106



151, 181, 0



45, 54, 0

Inverse Universe

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



209, 204, 234



223, 217, 255



224, 204, 234



108, 106, 117



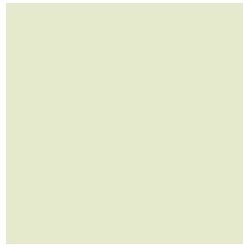
30, 0, 181



9, 0, 54

Previews

White Background



This preview shows how the RGB color 229, 234, 204 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 229, 234, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

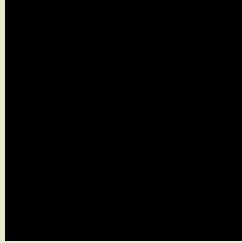
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

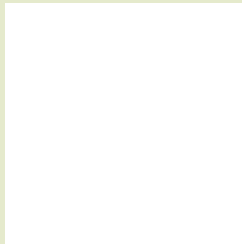
Any Text WCAG AAA ✓ Pass

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

RGB 229, 234, 204 Background



This preview shows how black text looks on a background with the RGB color 229, 234, 204.

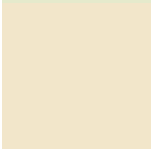
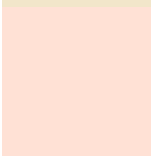


This preview shows how white text looks on a background with the RGB color 229, 234, 204.

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

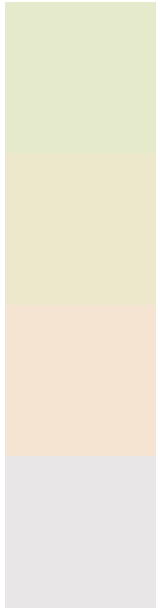
	Original Color 229, 234, 204
	Protanopia 242, 230, 202
	Deuteranopia 255, 225, 213



Tritanopia

235, 228, 246

Trichromacy



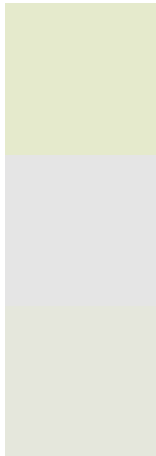
Original Color
229, 234, 204

Protanomaly
237, 231, 203

Deuteranomaly
246, 228, 210

Tritanomaly
233, 230, 231

Monochromacy



Original Color
229, 234, 204

Achromatopsia
229, 229, 229

Achromatomaly
229, 231, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 234, 204 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(229, 234, 204)` looks like.

```
.text, #text, p{  
    color:rgb(229, 234, 204)  
}
```

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(229, 234, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 234, 204) }
```

Border

The CSS property to change the border of an element to RGB 229, 234, 204 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(229, 234, 204) }
```

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

```
.border{ border-color:rgb(229, 234, 204) }
```

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

Here you see how a box with a 4 pixel rgb(229, 234, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 234, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 234, 204);  
box-shadow:4px 4px 4px 4px rgb(229, 234,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 229, 234, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 234, 204) }
```

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

```
.background{ background-color: rgb(229,  
234, 204) }
```

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