

Converting Colors

RGB(225, 234, 201)

Have a look what the booklet for
RGB(225, 234, 201) contains.

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Color

RGB(225, 234, 201)

Conversions

Conversions Part 1

Format	Color
Hex	E1EAC9
RGB	225, 234, 201
RGB Percent	88%, 92%, 79%
CMY	0.1176, 0.0824, 0.2118
CMYK	0.04, 0.00, 0.14, 0.08
HSL	76°, 44%, 85%
HSV	76°, 14%, 92%
XYZ	71.0168, 79.0702, 66.7774
YIQ	227.5470, 5.2290, -12.1710

Conversions

Conversions Part 2

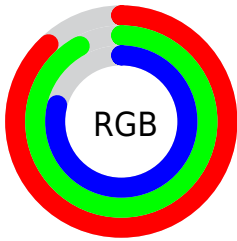
Format	Color
R _Y B	201, 234, 210
Decimal	14805705
CIE Lab	91.27, -8.64, 15.02
CIE LCh	91, 17.328, 119.925
Yxy	79.0702, 0.3275, 0.3646
Android (android.graphics.Color)	4292995785 (0xFFE1EAC9)
YUV	227.5470, -13.0877, -2.2337
Hunter-Lab	88.9214, -13.0542, 17.7199

Details

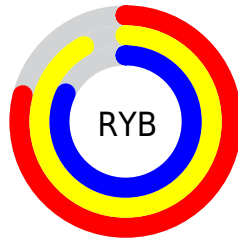
The RGB color **225, 234, 201** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **210, 201, 234**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 178, 147** is the 20% darker color. If you saturate the color by 10%, you get **219, 234, 178**, and if you desaturate by 10%, it is **231, 234, 224**.

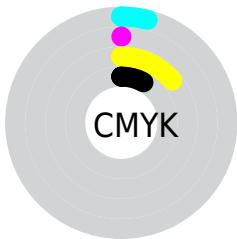
Distribution



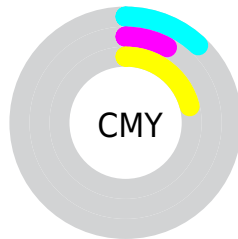
- Red (88%)
- Green (92%)
- Blue (79%)



- Red (79%)
- Yellow (92%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 234, 201 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 225, 234, 201 by changing the saturation by 10% instead.

■ 225, 234, 201

255, 255, 255

■ 225, 234, 201

■ 197, 206, 174

■ 170, 178, 147

■ 143, 152, 121

■ 117, 126, 96

■ 92, 101, 72

■ 69, 77, 50

■ 46, 54, 28

■ 26, 33, 4

■ 0, 9, 0

■ 225, 234, 201

■ 225, 234, 201

■ 219, 234, 178

■ 231, 234, 224

■ 212, 234, 154

■ 238, 234, 248

■ 206, 234, 131

■ 244, 234, 255

■ 199, 234, 107

■ 251, 234, 255

■ 193, 234, 84

■ 255, 234, 255

■ 187, 234, 61

■ 180, 234, 37

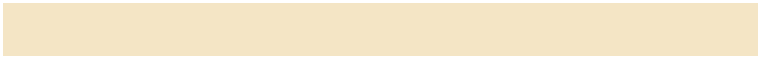
■ 174, 234, 14

■ 170, 234, 0

Harmonies

Analogous

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



244, 229, 197



225, 234, 201



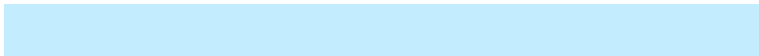
206, 238, 213

Triad

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



225, 234, 201



195, 236, 255



255, 219, 231

Complementary

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



225, 234, 201



210, 201, 234

Split Complementary

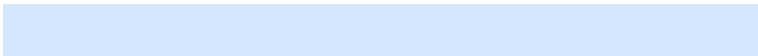
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



252, 221, 247



225, 234, 201



212, 231, 255

Square

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



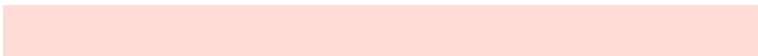
225, 234, 201



187, 239, 246



233, 226, 255



255, 220, 214

Rectangle

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



225, 234, 201



196, 239, 224



233, 226, 255



255, 219, 236

Sweetspot

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



225, 234, 201



252, 255, 245



234, 210, 201



126, 128, 121



0, 0, 0



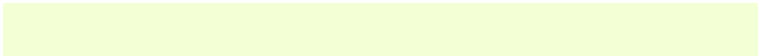
128, 128, 128

Same Dimension

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



225, 234, 201



243, 255, 212



209, 234, 201



114, 117, 106



132, 181, 0



39, 54, 0

Inverse Universe

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



210, 201, 234



223, 212, 255



226, 201, 234



109, 106, 117



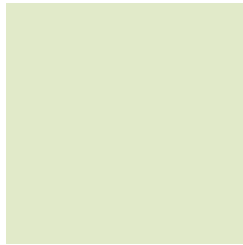
49, 0, 181



15, 0, 54

Previews

White Background



This preview shows how the RGB color 225, 234, 201 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 225, 234, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

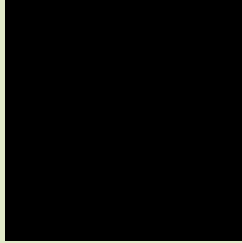
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

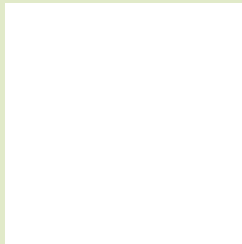
Any Text WCAG AAA ✓ Pass

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

RGB 225, 234, 201 Background



This preview shows how black text looks on a background with the RGB color 225, 234, 201.



This preview shows how white text looks on a background with the RGB color 225, 234, 201.

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

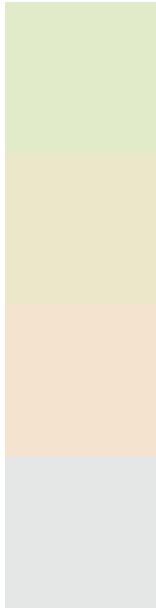




Tritanopia

231, 228, 246

Trichromacy



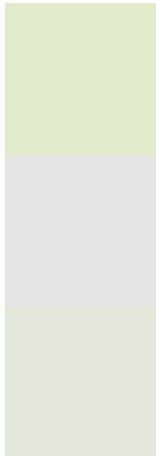
Original Color
225, 234, 201

Protanomaly
235, 231, 200

Deuteranomaly
244, 227, 207

Tritanomaly
229, 230, 230

Monochromacy



Original Color
225, 234, 201

Achromatopsia
228, 228, 228

Achromatomaly
227, 230, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 234, 201 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(225, 234, 201)` looks like.

```
.text, #text, p{  
    color:rgb(225, 234, 201)  
}
```

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(225, 234, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 234, 201) }
```

Border

The CSS property to change the border of an element to RGB 225, 234, 201 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(225, 234, 201) }
```

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

```
.border{ border-color:rgb(225, 234, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 234, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 234, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 234, 201);  
box-shadow:4px 4px 4px 4px rgb(225, 234,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 225, 234, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 234, 201) }
```

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

```
.background{ background-color: rgb(225,  
234, 201) }
```

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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