

Converting Colors

RGB(225, 233, 201)

Have a look what the booklet for
RGB(225, 233, 201) contains.

RGB(225, 233, 201)	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(225, 233, 201)

Conversions

Conversions Part 1

Format	Color
Hex	E1E9C9
RGB	225, 233, 201
RGB Percent	88%, 91%, 79%
CMY	0.1176, 0.0863, 0.2118
CMYK	0.03, 0.00, 0.14, 0.09
HSL	75°, 42%, 85%
HSV	75°, 14%, 91%
XYZ	70.7329, 78.5024, 66.6828
YIQ	226.9600, 5.5040, -11.6480

Conversions

Conversions Part 2

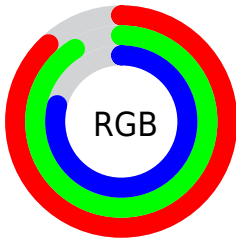
Format	Color
R _Y B	201, 233, 209
Decimal	14805449
CIE Lab	91.01, -8.14, 14.65
CIE LCh	91, 16.764, 119.052
Yxy	78.5024, 0.3276, 0.3636
Android (android.graphics.Color)	4292995529 (0xFFE1E9C9)
YUV	226.9600, -12.7983, -1.7189
Hunter-Lab	88.6016, -12.5518, 17.3986

Details

The RGB color **225, 233, 201** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **209, 201, 233**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 177, 147** is the 20% darker color. If you saturate the color by 10%, you get **219, 233, 178**, and if you desaturate by 10%, it is **231, 233, 224**.

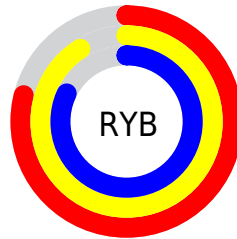
Distribution



Red (88%)

Green (91%)

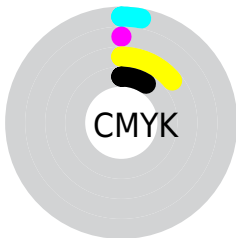
Blue (79%)



Red (79%)

Yellow (91%)

Blue (82%)

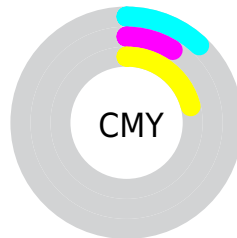


Cyan (3%)

Magenta (0%)

Yellow (14%)

Black (9%)



Cyan (12%)

Magenta (9%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 233, 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, 233, 201 by changing the saturation by 10% instead.

■ 225, 233, 201

255, 255, 255

■ 225, 233, 201

■ 197, 205, 174

■ 170, 177, 147

■ 143, 151, 121

■ 117, 125, 96

■ 93, 100, 72

■ 69, 76, 50

■ 46, 53, 28


■ 26, 32, 4

■ 0, 7, 0

 225, 233, 201

 225, 233, 201

 219, 233, 178

 231, 233, 224

 213, 233, 154


 237, 233, 248

 208, 233, 131


 242, 233, 255

 202, 233, 108

 248, 233, 255


 196, 233, 85

 254, 233, 255

 190, 233, 61

 255, 233, 255

 184, 233, 38

 178, 233, 15

 175, 233, 0

Harmonies

Analogous

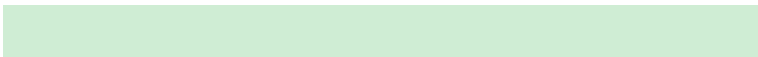
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243, 228, 197



225, 233, 201



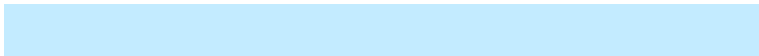
207, 237, 212

Triad

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



225, 233, 201



195, 235, 255



255, 218, 230

Complementary

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



225, 233, 201



209, 201, 233

Split Complementary

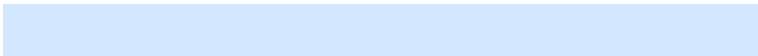
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250, 221, 246



225, 233, 201



211, 231, 255

Square

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



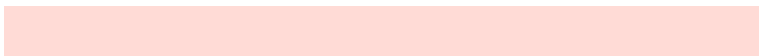
225, 233, 201



188, 238, 244



232, 225, 255



255, 219, 214

Rectangle

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



225, 233, 201



197, 238, 223



232, 225, 255



255, 219, 236

Sweetspot

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



225, 233, 201



252, 255, 245



233, 209, 201



126, 128, 121



0, 0, 0



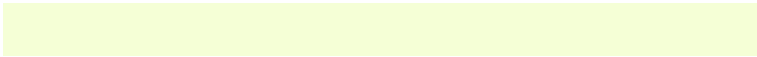
128, 128, 128

Same Dimension

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



225, 233, 201



245, 255, 214



209, 233, 201



114, 117, 106



136, 181, 0



40, 54, 0

Inverse Universe

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



209, 201, 233



224, 214, 255



225, 201, 233



109, 106, 117



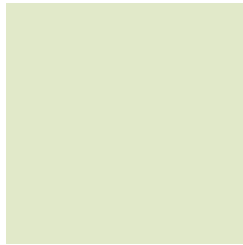
45, 0, 181



13, 0, 54

Previews

White Background



This preview shows how the RGB color 225, 233, 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, 233, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

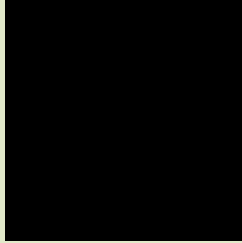
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

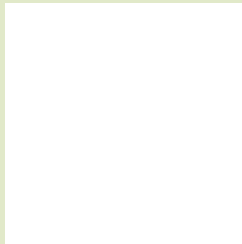
Any Text WCAG AAA ✓ Pass

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

RGB 225, 233, 201 Background



This preview shows how black text looks on a background with the RGB color 225, 233, 201.

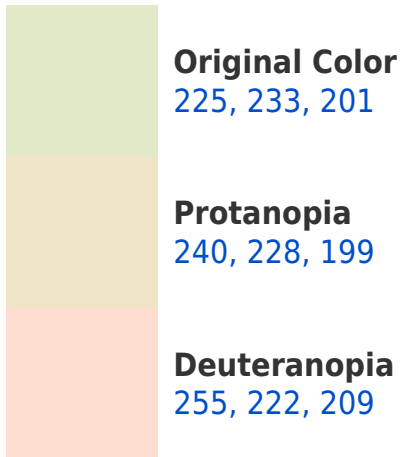


This preview shows how white text looks on a background with the RGB color 225, 233, 201.

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





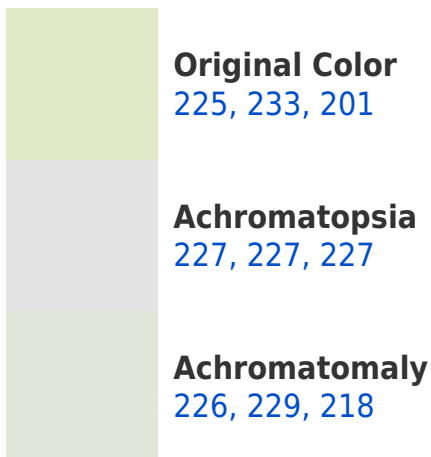
Tritanopia

231, 227, 245

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 233, 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, 233, 201)` looks like.

```
.text, #text, p{  
    color:rgb(225, 233, 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, 233, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 233, 201) }
```

Border

The CSS property to change the border of an element to RGB 225, 233, 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, 233, 201) }
```

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

```
.border{ border-color:rgb(225, 233, 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, 233, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 233, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 233, 201);  
box-shadow:4px 4px 4px 4px rgb(225, 233,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 225, 233, 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, 233, 201) }
```

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

```
.background{ background-color: rgb(225,  
233, 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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