

Converting Colors

RGB(225, 229, 204)

Have a look what the booklet for
RGB(225, 229, 204) contains.

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Color

RGB(225, 229, 204)

Conversions

Conversions Part 1

Format	Color
Hex	E1E5CC
RGB	225, 229, 204
RGB Percent	88%, 90%, 80%
CMY	0.1176, 0.1020, 0.2000
CMYK	0.02, 0.00, 0.11, 0.10
HSL	70°, 32%, 85%
HSV	70°, 11%, 90%
XYZ	69.9697, 76.4058, 68.1867
YIQ	224.9540, 5.6410, -8.6230

Conversions

Conversions Part 2

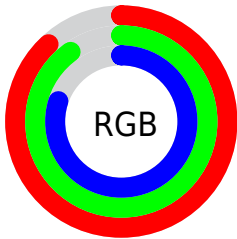
Format	Color
RYB	204, 229, 208
Decimal	14804428
CIELab	90.05, -5.63, 11.73
CIELCh	90, 13.012, 115.650
Yxy	76.4058, 0.3261, 0.3561
Android (android.graphics.Color)	4292994508 (0xFFE1E5CC)
YUV	224.9540, -10.3303, 0.0403
Hunter-Lab	87.4104, -10.0837, 14.9366

Details

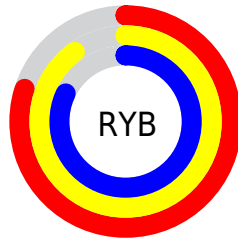
The RGB color **225, 229, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 204, 229**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **170, 174, 150** is the 20% darker color. If you saturate the color by 10%, you get **221, 229, 181**, and if you desaturate by 10%, it is **229, 229, 227**.

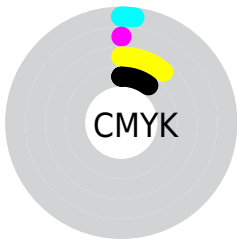
Distribution



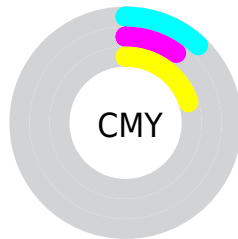
- Red (88%)
- Green (90%)
- Blue (80%)



- Red (80%)
- Yellow (90%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 229, 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 225, 229, 204 by changing the saturation by 10% instead.

■ 225, 229, 204

255, 255, 255

■ 225, 229, 204

■ 197, 201, 177

■ 170, 174, 150

■ 143, 147, 124

■ 117, 121, 99

■ 93, 97, 75

■ 69, 73, 52

■ 47, 50, 31

■ 26, 29, 8

■ 0, 0, 0

 225, 229, 204

 225, 229, 204

 221, 229, 181

 229, 229, 227

 218, 229, 158

 232, 229, 250

 214, 229, 135


 236, 229, 255

 210, 229, 112

 240, 229, 255


 207, 229, 90

 243, 229, 255

 203, 229, 67

 247, 229, 255

 199, 229, 44

 251, 229, 255

 196, 229, 21

 254, 229, 255

 192, 229, 0

 255, 229, 255

Harmonies

Analogous

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



239, 225, 202



225, 229, 204



211, 232, 212

Triad

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



225, 229, 204



200, 232, 247



251, 218, 229

Complementary

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



225, 229, 204



208, 204, 229

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.



241, 220, 241



225, 229, 204



211, 228, 251

Square

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



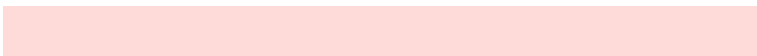
225, 229, 204



195, 234, 237



227, 224, 249



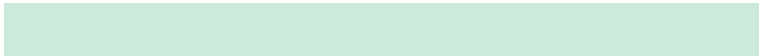
254, 219, 216

Rectangle

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



225, 229, 204



203, 234, 220



227, 224, 249



248, 219, 233

Sweetspot

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



225, 229, 204



254, 255, 247



229, 208, 204



127, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

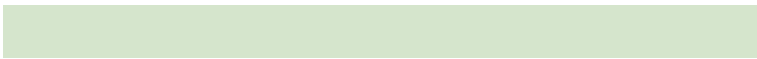
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 229, 204



250, 255, 222



213, 229, 204



113, 115, 103



150, 179, 0



43, 51, 0

Inverse Universe

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



208, 204, 229



227, 222, 255



220, 204, 229



105, 103, 115



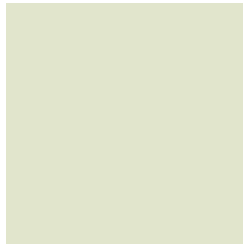
29, 0, 179



8, 0, 51

Previews

White Background



This preview shows how the RGB color 225, 229, 204 looks on a white background.

Color Contrast Check

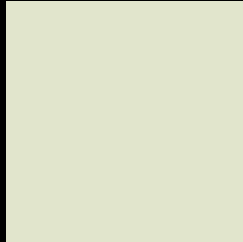
Large Text (above 18pt) WCAG AA × Fail

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 225, 229, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

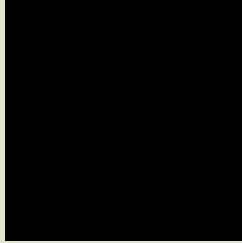
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

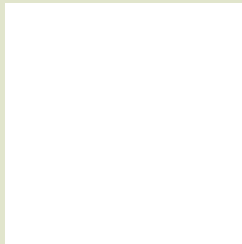
Any Text WCAG AAA ✓ Pass

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

RGB 225, 229, 204 Background



This preview shows how black text looks on a background with the RGB color 225, 229, 204.

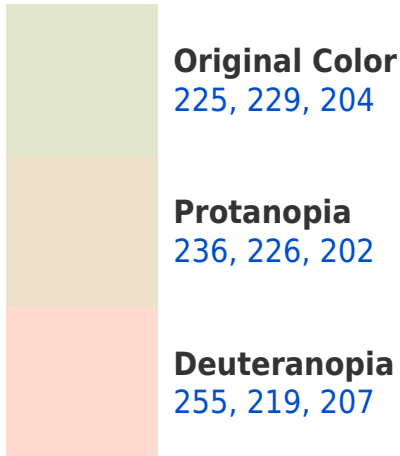


This preview shows how white text looks on a background with the RGB color 225, 229, 204.

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](#).

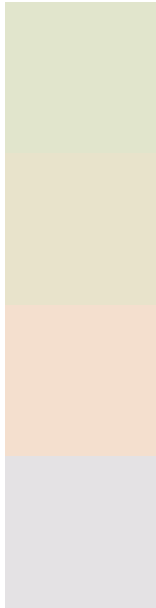
Dichromacy





Tritanopia
230, 224, 241

Trichromacy



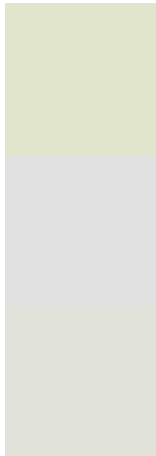
Original Color
225, 229, 204

Protanomaly
232, 227, 203

Deuteranomaly
244, 223, 206

Tritanomaly
228, 226, 228

Monochromacy



Original Color
225, 229, 204

Achromatopsia
225, 225, 225

Achromatomaly
225, 226, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 229, 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(225, 229, 204)` looks like.

```
.text, #text, p{  
    color:rgb(225, 229, 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(225, 229, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 229, 204) }
```

Border

The CSS property to change the border of an element to RGB 225, 229, 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(225, 229, 204) }
```

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

```
.border{ border-color:rgb(225, 229, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 229, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 229, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 229, 204);  
box-shadow:4px 4px 4px 4px rgb(225, 229,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 225, 229, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 229, 204) }
```

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

```
.background{ background-color: rgb(225,  
229, 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](#).

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