

Converting Colors

RGB(228, 229, 203)

Have a look what the booklet for
RGB(228, 229, 203) contains.

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Color

RGB(228, 229, 203)

Conversions

Conversions Part 1

Format	Color
Hex	E4E5CB
RGB	228, 229, 203
RGB Percent	89%, 90%, 80%
CMY	0.1059, 0.1020, 0.2039
CMYK	0.00, 0.00, 0.11, 0.10
HSL	62°, 33%, 85%
HSV	62°, 11%, 90%
XYZ	70.7937, 76.8444, 67.6011
YIQ	225.7370, 7.7500, -8.2980

Conversions

Conversions Part 2

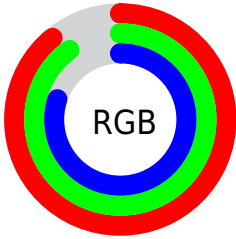
Format	Color
R _Y B	203, 229, 204
Decimal	15001035
CIE Lab	90.25, -4.74, 12.57
CIE LCh	90, 13.434, 110.662
Yxy	76.8444, 0.3289, 0.3570
Android (android.graphics.Color)	4293191115 (0xFFE4E5CB)
YUV	225.7370, -11.2093, 1.9847
Hunter-Lab	87.6609, -9.2526, 15.6402

Details

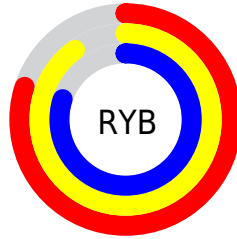
The RGB color **228, 229, 203** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **204, 203, 229**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 174, 149** is the 20% darker color. If you saturate the color by 10%, you get **227, 229, 180**, and if you desaturate by 10%, it is **229, 229, 226**.

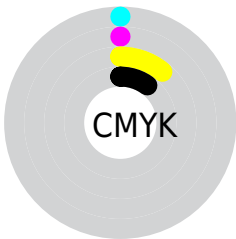
Distribution



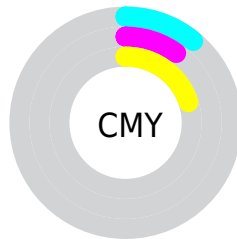
- Red (89%)
- Green (90%)
- Blue (80%)



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



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



- Cyan (11%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 229, 203 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 228, 229, 203 by changing the saturation by 10% instead.

■ 228, 229, 203

255, 255, 255

■ 228, 229, 203

■ 200, 201, 176

■ 172, 174, 149

■ 146, 147, 123

■ 120, 121, 98

■ 95, 97, 74

■ 71, 73, 52

■ 49, 50, 30

■ 28, 29, 6

■ 0, 2, 0

 228, 229, 203

 228, 229, 203

 227, 229, 180

 229, 229, 226

 226, 229, 157

 230, 229, 249

 225, 229, 134


 231, 229, 255

 224, 229, 111

 232, 229, 255

 224, 229, 89


 232, 229, 255

 223, 229, 66

 233, 229, 255

 222, 229, 43

 234, 229, 255

 221, 229, 20

 235, 229, 255

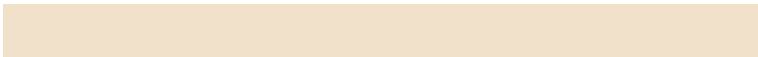
 220, 229, 0

 236, 229, 255

Harmonies

Analogous

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



242, 225, 202



228, 229, 203



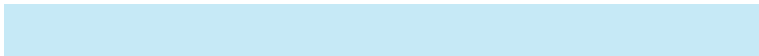
213, 233, 210

Triad

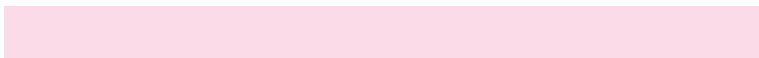
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228, 229, 203



198, 233, 246



251, 219, 232

Complementary

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



228, 229, 203



204, 203, 229

Split Complementary

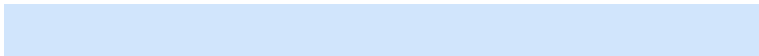
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 221, 243



228, 229, 203



209, 229, 252

Square

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



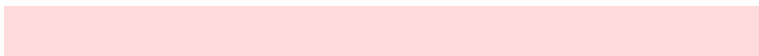
228, 229, 203



195, 235, 236



225, 225, 251



255, 219, 219

Rectangle

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



228, 229, 203



204, 234, 218



225, 225, 251



248, 219, 236

Sweetspot

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



228, 229, 203



255, 255, 247



229, 204, 203



127, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



228, 229, 203



254, 255, 219



215, 229, 203



114, 115, 103



172, 179, 0



49, 51, 0

Inverse Universe

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



204, 203, 229



221, 219, 255



217, 203, 229



104, 103, 115



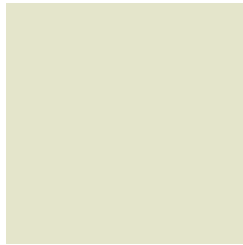
7, 0, 179



2, 0, 51

Previews

White Background



This preview shows how the RGB color 228, 229, 203 looks on a white background.

Color Contrast Check

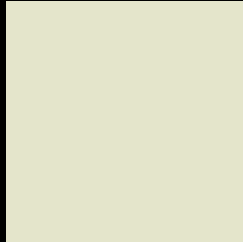
Large Text (above 18pt) WCAG AA × Fail

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 228, 229, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

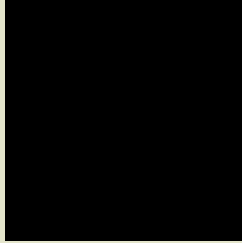
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

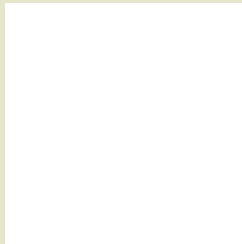
Any Text WCAG AAA ✓ Pass

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

RGB 228, 229, 203 Background



This preview shows how black text looks on a background with the RGB color 228, 229, 203.

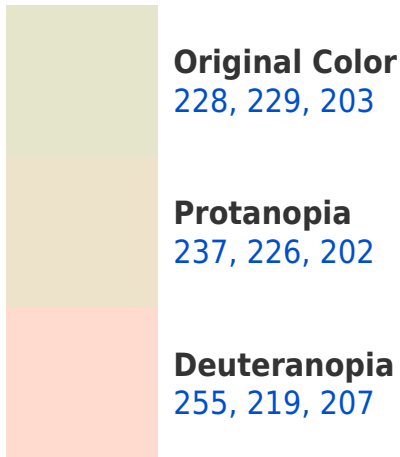


This preview shows how white text looks on a background with the RGB color 228, 229, 203.

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

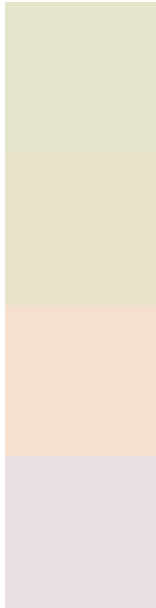




Tritanopia

233, 223, 241

Trichromacy



Original Color

228, 229, 203

Protanomaly

234, 227, 202

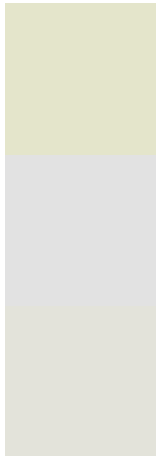
Deuteranomaly

245, 223, 206

Tritanomaly

231, 225, 227

Monochromacy



Original Color

228, 229, 203

Achromatopsia

226, 226, 226

Achromatomaly

227, 227, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 229, 203 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(228, 229, 203)` looks like.

```
.text, #text, p{  
    color:rgb(228, 229, 203)  
}
```

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(228, 229, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 229, 203) }
```

Border

The CSS property to change the border of an element to RGB 228, 229, 203 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(228, 229, 203) }
```

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

```
.border{ border-color:rgb(228, 229, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 229, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 229, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 229, 203);  
box-shadow:4px 4px 4px 4px rgb(228, 229,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 228, 229, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 229, 203) }
```

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

```
.background{ background-color: rgb(228,  
229, 203) }
```

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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