

Converting Colors

RGB(232, 233, 197)

Have a look what the booklet for
RGB(232, 233, 197) contains.

RGB(232, 233, 197)	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(232, 233, 197)

Conversions

Conversions Part 1

Format	Color
Hex	E8E9C5
RGB	232, 233, 197
RGB Percent	91%, 91%, 77%
CMY	0.0902, 0.0863, 0.2275
CMYK	0.00, 0.00, 0.15, 0.09
HSL	62°, 45%, 84%
HSV	62°, 15%, 91%
XYZ	72.4957, 79.4648, 64.3406
YIQ	228.5970, 10.9600, -11.4080

Conversions

Conversions Part 2

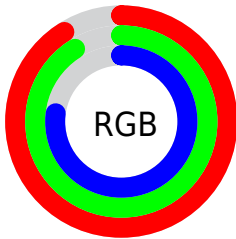
Format	Color
RYB	197, 233, 198
Decimal	15264197
CIELab	91.44, -6.28, 17.42
CIELCh	91, 18.517, 109.840
Yxy	79.4648, 0.3352, 0.3674
Android (android.graphics.Color)	4293454277 (0xFFE8E9C5)
YUV	228.5970, -15.5773, 2.9844
Hunter-Lab	89.1431, -10.8351, 19.6065

Details

The RGB color **232, 233, 197** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **198, 197, 233**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 254, and **176, 177, 143** is the 20% darker color. If you saturate the color by 10%, you get **231, 233, 174**, and if you desaturate by 10%, it is **233, 233, 220**.

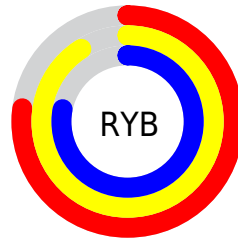
Distribution



Red (91%)

Green (91%)

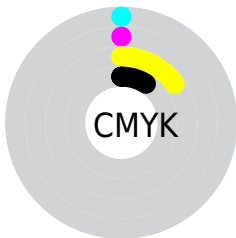
Blue (77%)



Red (77%)

Yellow (91%)

Blue (78%)

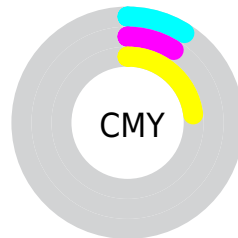


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 233, 197 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 232, 233, 197 by changing the saturation by 10% instead.

■ 232, 233, 197

255, 255, 255

255, 255, 254

■ 232, 233, 197

■ 204, 205, 170

■ 176, 177, 143

■ 149, 151, 117

■ 123, 125, 93

■ 98, 100, 69

■ 74, 76, 46

■ 51, 53, 25

■ 31, 32, 0


■ 0, 10, 0

 232, 233, 197

 232, 233, 197

 231, 233, 174

 233, 233, 220

 231, 233, 150

 233, 233, 244

 230, 233, 127

 234, 233, 255

 229, 233, 104

 235, 233, 255

 229, 233, 81

 235, 233, 255

 228, 233, 57

 236, 233, 255

 227, 233, 34

 237, 233, 255

 227, 233, 11

 237, 233, 255

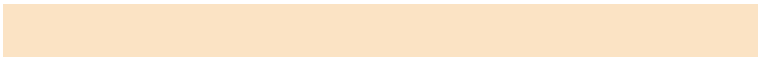
 227, 233, 0

 238, 233, 255

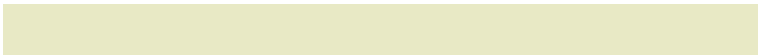
Harmonies

Analogous

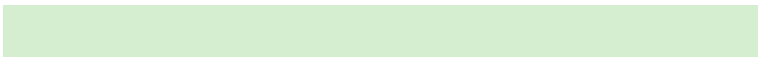
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 227, 196



232, 233, 197



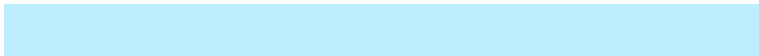
212, 238, 207

Triad

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



232, 233, 197



188, 238, 255



255, 219, 237

Complementary

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



232, 233, 197



198, 197, 233

Split Complementary

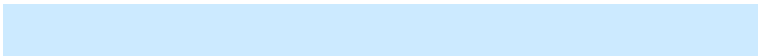
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248, 222, 254



232, 233, 197



204, 234, 255

Square

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



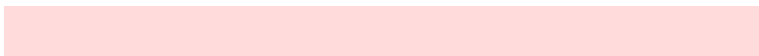
232, 233, 197



185, 241, 242



226, 228, 255



255, 219, 219

Rectangle

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



232, 233, 197



199, 240, 218



226, 228, 255



255, 220, 243

Sweetspot

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



232, 233, 197



255, 255, 242



233, 198, 197



127, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



232, 233, 197



254, 255, 207



214, 233, 197



117, 117, 106



176, 181, 0



52, 54, 0

Inverse Universe

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



198, 197, 233



208, 207, 255



216, 197, 233



106, 106, 117



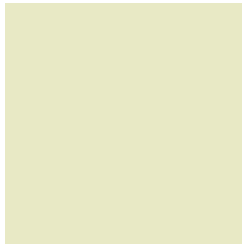
5, 0, 181



1, 0, 54

Previews

White Background



This preview shows how the RGB color 232, 233, 197 looks on a white background.

Color Contrast Check

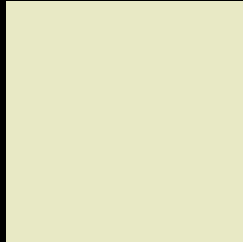
Large Text (above 18pt) WCAG AA × Fail

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 232, 233, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

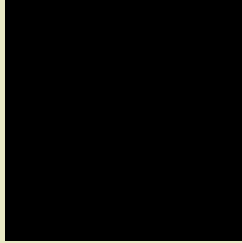
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

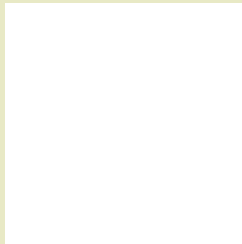
Any Text WCAG AAA ✓ Pass

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

RGB 232, 233, 197 Background



This preview shows how black text looks on a background with the RGB color 232, 233, 197.

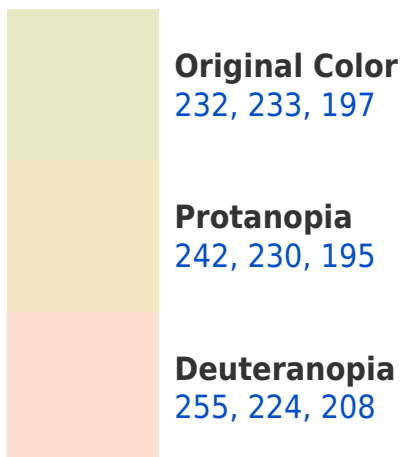


This preview shows how white text looks on a background with the RGB color 232, 233, 197.

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

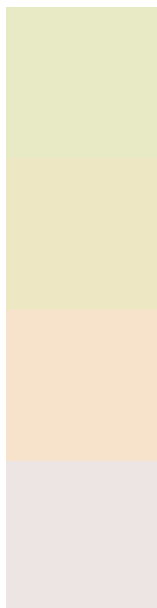




Tritanopia

239, 226, 244

Trichromacy



Original Color

232, 233, 197

Protanomaly

238, 231, 196

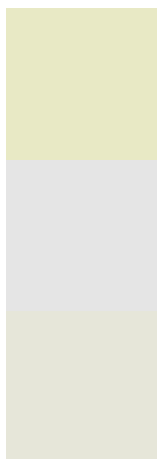
Deuteranomaly

247, 227, 204

Tritanomaly

236, 229, 227

Monochromacy



Original Color

232, 233, 197

Achromatopsia

229, 229, 229

Achromatomaly

230, 230, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 233, 197 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(232, 233, 197)` looks like.

```
.text, #text, p{  
    color:rgb(232, 233, 197)  
}
```

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(232, 233, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 233, 197) }
```

Border

The CSS property to change the border of an element to RGB 232, 233, 197 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(232, 233, 197) }
```

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

```
.border{ border-color:rgb(232, 233, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 233, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 233, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 233, 197);  
box-shadow:4px 4px 4px 4px rgb(232, 233,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 232, 233, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 233, 197) }
```

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

```
.background{ background-color: rgb(232,  
233, 197) }
```

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