

Converting Colors

RGB(240, 228, 203)

Have a look what the booklet for
RGB(240, 228, 203) contains.

RGB(240, 228, 203)	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(240, 228, 203)

Conversions

Conversions Part 1

Format	Color
Hex	F0E4CB
RGB	240, 228, 203
RGB Percent	94%, 89%, 80%
CMY	0.0588, 0.1059, 0.2039
CMYK	0.00, 0.05, 0.15, 0.06
HSL	41°, 55%, 87%
HSV	41°, 15%, 94%
XYZ	74.4581, 78.3239, 67.6936
YIQ	228.7380, 15.1770, -5.2310

Conversions

Conversions Part 2

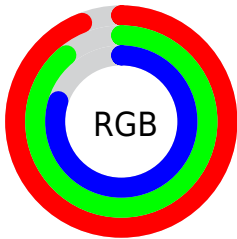
Format	Color
R_YB	221, 240, 203
Decimal	15787211
CIE _{Lab}	90.93, 0.03, 13.66
CIE _{LCh}	91, 13.661, 89.882
Yxy	78.3239, 0.3377, 0.3552
Android (android.graphics.Color)	4293977291 (0xFFFF0E4CB)
YUV	228.7380, -12.6888, 9.8768
Hunter-Lab	88.5008, -4.6995, 16.6001

Details

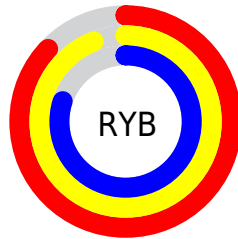
The RGB color **240, 228, 203** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **203, 215, 240**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 173, 149** is the 20% darker color. If you saturate the color by 10%, you get **240, 220, 179**, and if you desaturate by 10%, it is **240, 236, 227**.

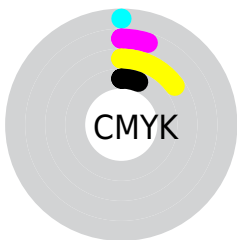
Distribution



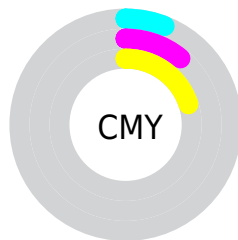
- Red (94%)
- Green (89%)
- Blue (80%)



- Red (87%)
- Yellow (94%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 228, 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 240, 228, 203 by changing the saturation by 10% instead.

■ 240, 228, 203

255, 255, 255

■ 240, 228, 203

■ 212, 200, 176

■ 184, 173, 149

■ 157, 146, 123

■ 130, 120, 98

■ 105, 96, 74

■ 81, 72, 52

■ 57, 50, 30

■ 36, 29, 6

■ 5, 3, 0

 240, 228, 203

 240, 228, 203

 240, 220, 179


 240, 236, 227

 240, 212, 155


 240, 244, 251


 240, 205, 131


 240, 251, 255

 240, 197, 107

 240, 255, 255

 240, 189, 83

 240, 181, 59

 240, 174, 35

 240, 166, 11

 240, 162, 0

Harmonies

Analogous

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



252, 224, 207



240, 228, 203



225, 232, 206

Triad

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



240, 228, 203



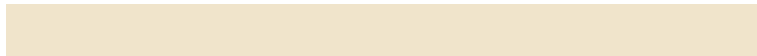
196, 236, 241



246, 222, 242

Complementary

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



240, 228, 203



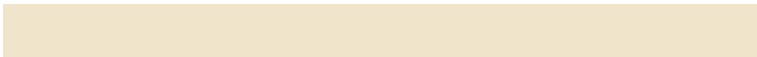
203, 215, 240

Split Complementary

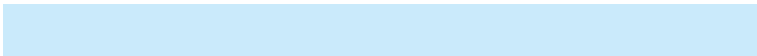
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232, 226, 252



240, 228, 203



202, 234, 251

Square

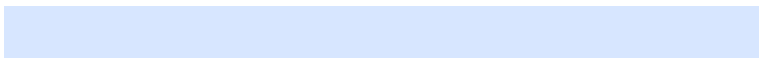
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240, 228, 203



200, 237, 228



215, 230, 255



255, 220, 229

Rectangle

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



240, 228, 203



215, 234, 212



215, 230, 255



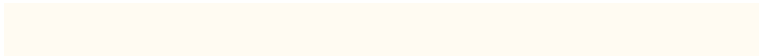
242, 223, 246

Sweetspot

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



240, 228, 203



255, 251, 242



240, 203, 215



128, 125, 120



0, 0, 0



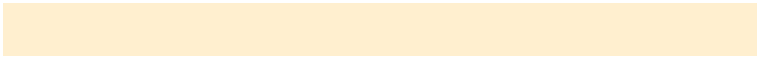
128, 128, 128

Same Dimension

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



240, 228, 203



255, 239, 207



234, 240, 203



120, 116, 108



184, 124, 0



56, 38, 0

Inverse Universe

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



203, 215, 240



207, 222, 255



209, 203, 240



108, 112, 120



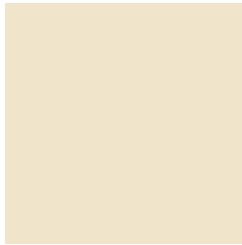
0, 60, 184



0, 18, 56

Previews

White Background



This preview shows how the RGB color 240, 228, 203 looks on a white background.

Color Contrast Check

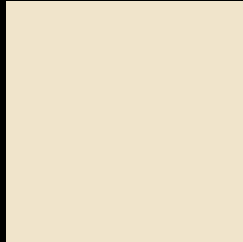
Large Text (above 18pt) WCAG AA × Fail

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 240, 228, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

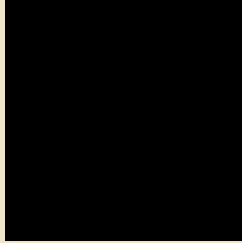
Any Text WCAG AA ✓ Pass

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 240, 228, 203 Background



This preview shows how black text looks on a background with the RGB color 240, 228, 203.

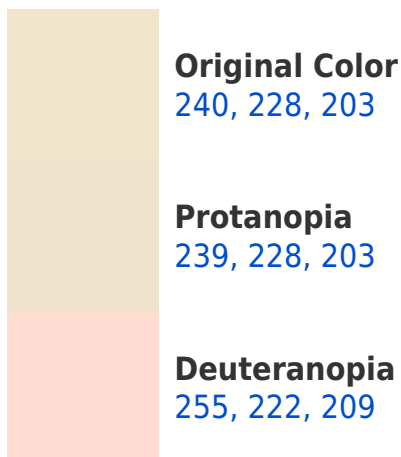


This preview shows how white text looks on a background with the RGB color 240, 228, 203.

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

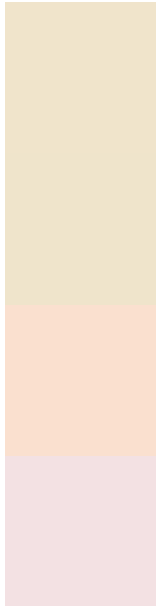




Tritanopia

245, 223, 240

Trichromacy



Original Color

240, 228, 203

Protanomaly

239, 228, 203

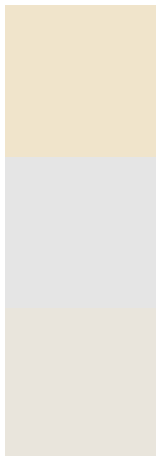
Deuteranomaly

250, 224, 207

Tritanomaly

243, 225, 227

Monochromacy



Original Color

240, 228, 203

Achromatopsia

229, 229, 229

Achromatomaly

233, 229, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 228, 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(240, 228, 203) looks like.

```
.text, #text, p{  
    color:rgb(240, 228, 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(240, 228, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 228, 203) }
```

Border

The CSS property to change the border of an element to RGB 240, 228, 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(240, 228, 203) }
```

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

```
.border{ border-color:rgb(240, 228, 203) }
```

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

Here you see how a box with a 4 pixel rgb(240, 228, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 228, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 228, 203);  
box-shadow:4px 4px 4px 4px rgb(240, 228,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 240, 228, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 228, 203) }
```

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

```
.background{ background-color: rgb(240,  
228, 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](#).

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