

Converting Colors

RGB(238, 235, 207)

Have a look what the booklet for
RGB(238, 235, 207) contains.

RGB(238, 235, 207)	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(238, 235, 207)

Conversions

Conversions Part 1

Format	Color
Hex	EEEEBCF
RGB	238, 235, 207
RGB Percent	93%, 92%, 81%
CMY	0.0667, 0.0784, 0.1882
CMYK	0.00, 0.01, 0.13, 0.07
HSL	54°, 48%, 87%
HSV	54°, 13%, 93%
XYZ	76.2307, 82.0988, 70.8603
YIQ	232.7050, 10.7760, -8.0720

Conversions

Conversions Part 2

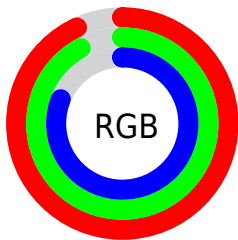
Format	Color
R_{YB}	210, 238, 207
Decimal	15657935
CIE _{Lab}	92.62, -3.63, 13.95
CIE _{LCh}	93, 14.420, 104.587
Yxy	82.0988, 0.3326, 0.3582
Android (android.graphics.Color)	4293848015 (0xFFEEEEBCF)
YUV	232.7050, -12.6726, 4.6437
Hunter-Lab	90.6084, -8.3889, 17.0581

Details

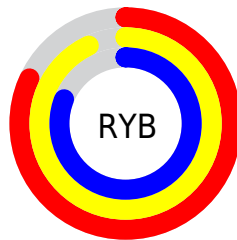
The RGB color **238, 235, 207** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **207, 210, 238**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **182, 179, 153** is the 20% darker color. If you saturate the color by 10%, you get **238, 233, 183**, and if you desaturate by 10%, it is **238, 237, 231**.

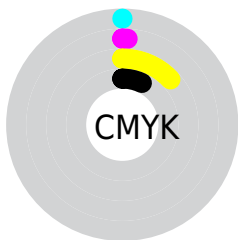
Distribution



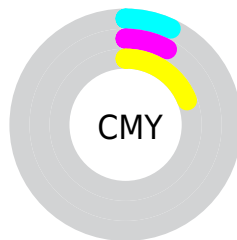
- Red (93%)
- Green (92%)
- Blue (81%)



- Red (82%)
- Yellow (93%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (13%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 235, 207 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 238, 235, 207 by changing the saturation by 10% instead.

■ 238, 235, 207

255, 255, 255

■ 238, 235, 207

■ 210, 207, 179

■ 182, 179, 153

■ 155, 153, 127

■ 129, 127, 102

■ 104, 102, 78

■ 79, 78, 55

■ 56, 55, 33

■ 35, 34, 11

■ 5, 12, 0

 238, 235, 207

 238, 235, 207

 238, 233, 183

 238, 237, 231

 238, 230, 159


 238, 240, 255

 238, 228, 136

 238, 242, 255

 238, 226, 112


 238, 244, 255

 238, 223, 88


 238, 247, 255

 238, 221, 64

 238, 249, 255

 238, 219, 40

 238, 251, 255

 238, 217, 17

 238, 253, 255

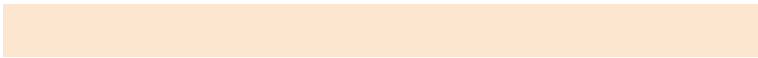
 238, 215, 0

 238, 255, 255

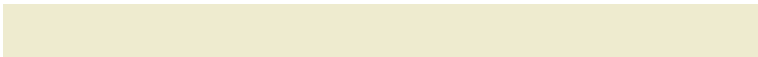
Harmonies

Analogous

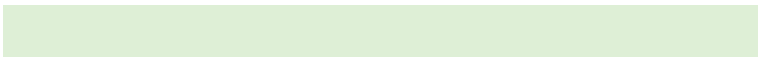
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



252, 230, 207



238, 235, 207



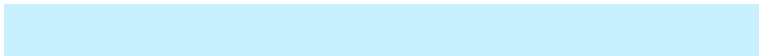
222, 239, 214

Triad

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



238, 235, 207



201, 241, 253



255, 225, 242

Complementary

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



238, 235, 207



207, 210, 238

Split Complementary

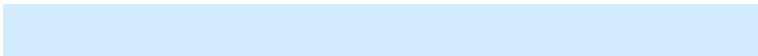
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245, 228, 254



238, 235, 207



211, 237, 255

Square

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



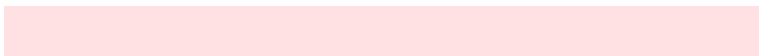
238, 235, 207



200, 242, 240



228, 233, 255



255, 225, 227

Rectangle

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



238, 235, 207



212, 241, 221



228, 233, 255



254, 226, 246

Sweetspot

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



238, 235, 207



255, 254, 245



238, 207, 210



128, 127, 121



0, 0, 0



128, 128, 128

Same Dimension

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



238, 235, 207



255, 251, 214



226, 238, 207



120, 119, 108



184, 166, 0



56, 51, 0

Inverse Universe

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



207, 210, 238



214, 218, 255



219, 207, 238



108, 109, 120



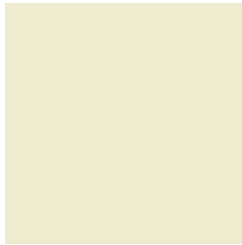
0, 18, 184



0, 5, 56

Previews

White Background



This preview shows how the RGB color 238, 235, 207 looks on a white background.

Color Contrast Check

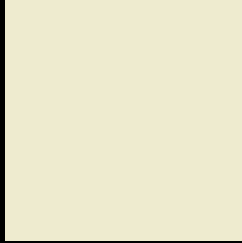
Large Text (above 18pt) WCAG AA × Fail

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 238, 235, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

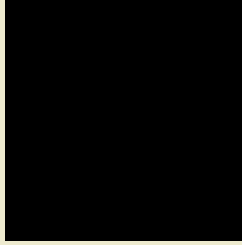
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

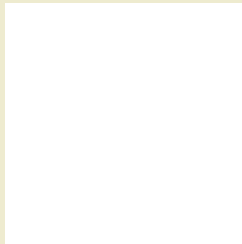
Any Text WCAG AAA ✓ Pass

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

RGB 238, 235, 207 Background



This preview shows how black text looks on a background with the RGB color 238, 235, 207.

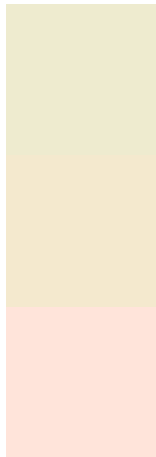


This preview shows how white text looks on a background with the RGB color 238, 235, 207.

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



Original Color
238, 235, 207

Protanopia
244, 233, 206

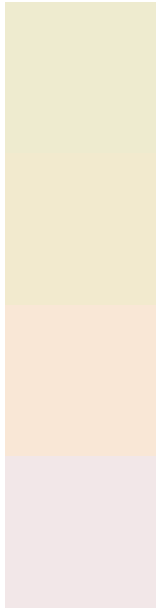
Deuteranopia
255, 228, 218



Tritanopia

244, 229, 247

Trichromacy



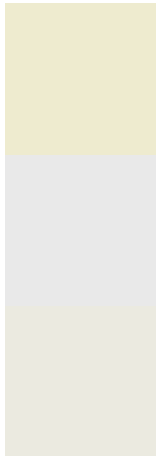
Original Color
238, 235, 207

Protanomaly
242, 234, 206

Deuteranomaly
249, 231, 214

Tritanomaly
242, 231, 232

Monochromacy



Original Color
238, 235, 207

Achromatopsia
233, 233, 233

Achromatomaly
235, 234, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 235, 207 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(238, 235, 207)` looks like.

```
.text, #text, p{  
    color:rgb(238, 235, 207)  
}
```

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(238, 235, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 235, 207) }
```

Border

The CSS property to change the border of an element to RGB 238, 235, 207 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(238, 235, 207) }
```

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

```
.border{ border-color:rgb(238, 235, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 235, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 235, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 235, 207);  
box-shadow:4px 4px 4px 4px rgb(238, 235,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 238, 235, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 235, 207) }
```

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

```
.background{ background-color: rgb(238,  
235, 207) }
```

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