

Converting Colors

RGB(250, 247, 235)

Have a look what the booklet for
RGB(250, 247, 235) contains.

RGB(250, 247, 235)	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(250, 247, 235)

Conversions

Conversions Part 1

Format	Color
Hex	FAF7EB
RGB	250, 247, 235
RGB Percent	98%, 97%, 92%
CMY	0.0196, 0.0314, 0.0784
CMYK	0.00, 0.01, 0.06, 0.02
HSL	48°, 60%, 95%
HSV	48°, 6%, 98%
XYZ	87.6805, 92.8437, 91.8966
YIQ	246.5290, 5.6400, -3.0960

Conversions

Conversions Part 2

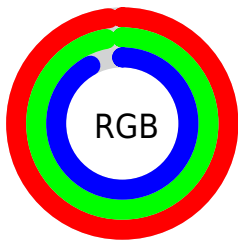
Format	Color
R _{YB}	239, 250, 235
Decimal	16447467
CIE Lab	97.16, -1.04, 6.10
CIE LCh	97, 6.193, 99.692
Yxy	92.8437, 0.3219, 0.3408
Android (android.graphics.Color)	4294637547 (0xFFFAF7EB)
YUV	246.5290, -5.6838, 3.0441
Hunter-Lab	96.3554, -6.1924, 10.9024

Details

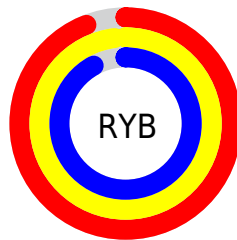
The RGB color **250, 247, 235** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **235, 238, 250**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **194, 191, 179** is the 20% darker color. If you saturate the color by 10%, you get **250, 242, 210**, and if you desaturate by 10%, it is **250, 252, 255**.

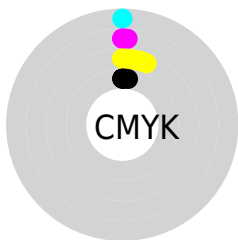
Distribution



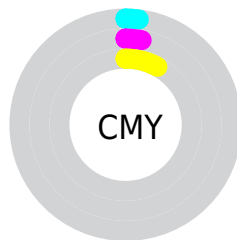
- Red (98%)
- Green (97%)
- Blue (92%)



- Red (94%)
- Yellow (98%)
- Blue (92%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 250, 247, 235 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 250, 247, 235 by changing the saturation by 10% instead.

 250, 247, 235


255, 255, 255

 250, 247, 235

 221, 219, 207

 194, 191, 179

 166, 164, 153

 140, 137, 127

 114, 112, 102

 90, 88, 78

 66, 64, 55

 44, 42, 34

 24, 22, 11

 250, 247, 235

 250, 247, 235

 250, 242, 210

 250, 252, 255


 250, 237, 185

 250, 255, 255


 250, 232, 160


 250, 227, 135

 250, 222, 110

 250, 217, 85

 250, 212, 60

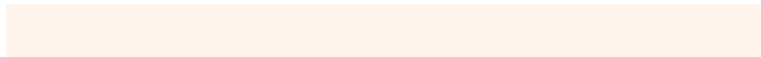
 250, 207, 35

 250, 202, 10

Harmonies

Analogous

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



255, 245, 236



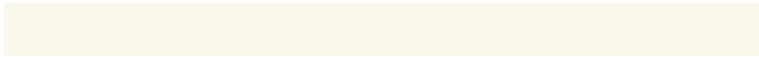
250, 247, 235



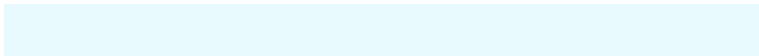
243, 249, 237

Triad

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



250, 247, 235



233, 250, 254



255, 243, 251

Complementary

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



250, 247, 235



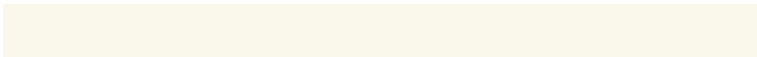
235, 238, 250

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.



251, 245, 255



250, 247, 235



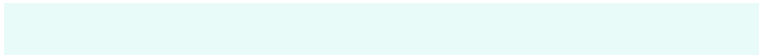
237, 249, 255

Square

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



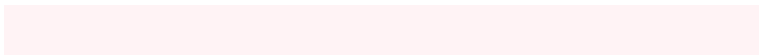
250, 247, 235



233, 251, 249



243, 247, 255



255, 243, 245

Rectangle

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



250, 247, 235



239, 250, 241



243, 247, 255



255, 244, 253

Sweetspot

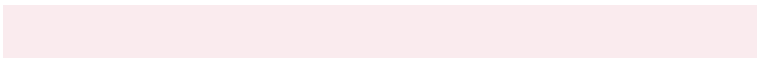
The Sweet Spot groups the original color and five complimentary colors.



250, 247, 235



255, 254, 250



250, 235, 238



128, 127, 125



0, 0, 0



128, 128, 128

Same Dimension

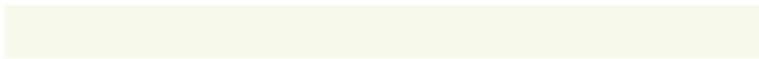
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250, 247, 235



255, 251, 237



245, 250, 235



125, 123, 115



189, 151, 0



61, 49, 0

Inverse Universe

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



235, 238, 250



237, 241, 255



239, 235, 250



115, 117, 125



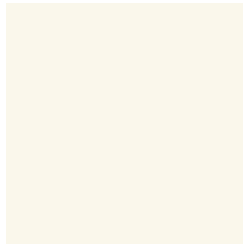
0, 38, 189



0, 12, 61

Previews

White Background



This preview shows how the RGB color 250, 247, 235 looks on a white background.

Color Contrast Check

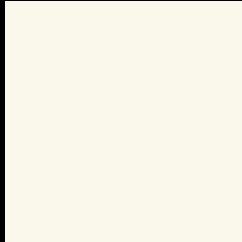
Large Text (above 18pt) WCAG AA × Fail

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 250, 247, 235 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 250, 247, 235 Background



This preview shows how black text looks on a background with the RGB color 250, 247, 235.

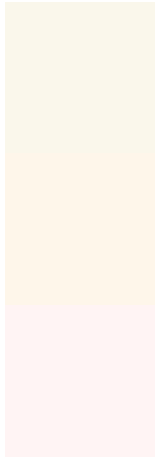


This preview shows how white text looks on a background with the RGB color 250, 247, 235.

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
250, 247, 235

Protanopia
254, 246, 234

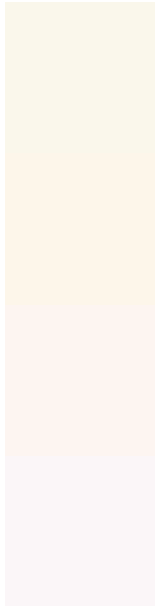
Deuteranopia
255, 244, 244



Tritanopia

251, 245, 255

Trichromacy



Original Color

250, 247, 235

Protanomaly

253, 246, 234

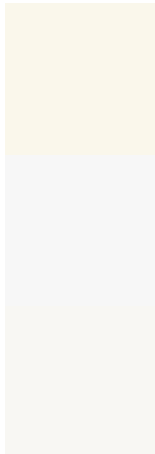
Deuteranomaly

253, 245, 241

Tritanomaly

251, 246, 248

Monochromacy



Original Color

250, 247, 235

Achromatopsia

247, 247, 247

Achromatomaly

248, 247, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 250, 247, 235 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(250, 247, 235) looks like.

```
.text, #text, p{  
    color:rgb(250, 247, 235)  
}
```

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(250, 247, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 247, 235) }
```

Border

The CSS property to change the border of an element to RGB 250, 247, 235 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(250, 247, 235) }
```

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

```
.border{ border-color:rgb(250, 247, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 247, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 247, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 247, 235);  
box-shadow:4px 4px 4px 4px rgb(250, 247,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 250, 247, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 247, 235) }
```

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

```
.background{ background-color: rgb(250,  
247, 235) }
```

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