

Converting Colors

RGB(255, 247, 235)

Have a look what the booklet for
RGB(255, 247, 235) contains.

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Color

RGB(255, 247, 235)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7EB
RGB	255, 247, 235
RGB Percent	100%, 97%, 92%
CMY	0.0000, 0.0314, 0.0784
CMYK	0.00, 0.03, 0.08, 0.00
HSL	36°, 100%, 96%
HSV	36°, 8%, 100%
XYZ	89.4962, 93.7797, 91.9816
YIQ	248.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

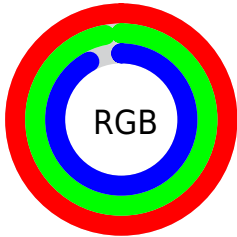
Format	Color
R_{YB}	248, 255, 235
Decimal	16775147
CIE _{Lab}	97.54, 0.66, 6.70
CIE _{LCh}	98, 6.732, 84.369
Yxy	93.7797, 0.3251, 0.3407
Android (android.graphics.Color)	4294965227 (0xFFFFF7EB)
YUV	248.0240, -6.4208, 6.1180
Hunter-Lab	96.8399, -4.5062, 11.4724

Details

The RGB color 255, 247, 235 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 235, 243, 255, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 198, 191, 179 is the 20% darker color. If you saturate the color by 10%, you get 255, 237, 210, and if you desaturate by 10%, it is 255, 255, 255.

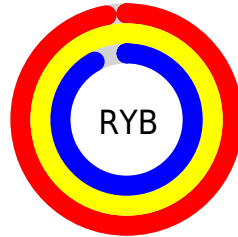
Distribution



Red (100%)

Green (97%)

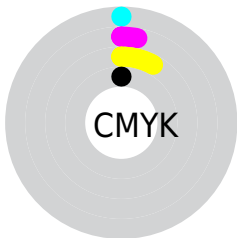
Blue (92%)



Red (97%)

Yellow (100%)

Blue (92%)

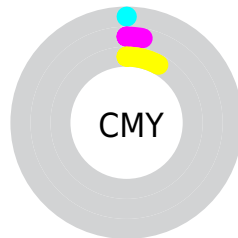


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 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 255, 247, 235 by changing the saturation by 10% instead.


 255, 247, 235

255, 255, 255

 255, 247, 235

 226, 219, 207

 198, 191, 179

 171, 164, 153

 144, 137, 127

 119, 112, 102

 94, 88, 78

 70, 64, 55

 48, 42, 33

 27, 22, 11

 255, 247, 235

 255, 247, 235

 255, 237, 210


255, 255, 255


 255, 227, 184


 255, 216, 158

 255, 206, 133

 255, 196, 107

 255, 186, 82

 255, 176, 57

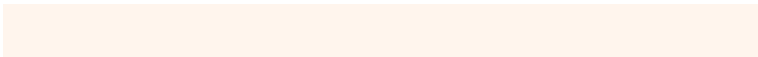
 255, 165, 31

 255, 155, 6

Harmonies

Analogous

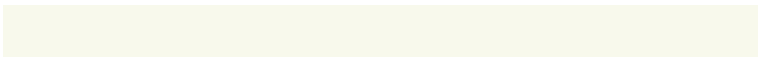
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 245, 237



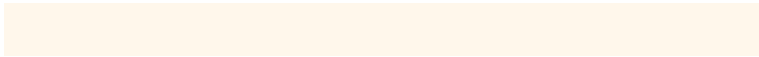
255, 247, 235



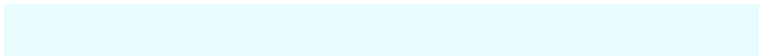
248, 249, 236

Triad

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



255, 247, 235



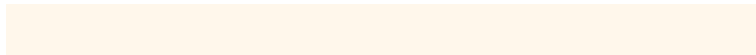
232, 252, 253



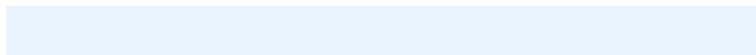
255, 245, 255

Complementary

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



255, 247, 235



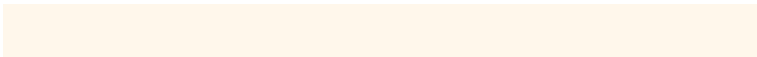
235, 243, 255

Split Complementary

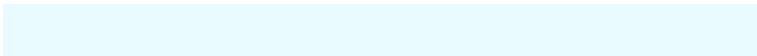
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248, 247, 255



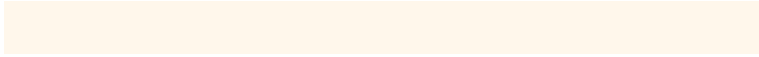
255, 247, 235



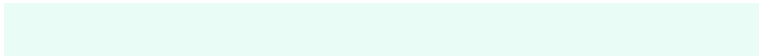
234, 251, 255

Square

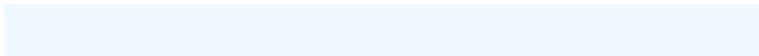
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 247, 235



234, 252, 246



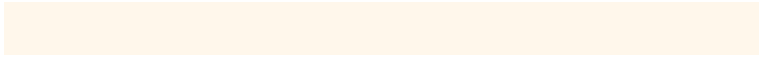
240, 249, 255



255, 244, 249

Rectangle

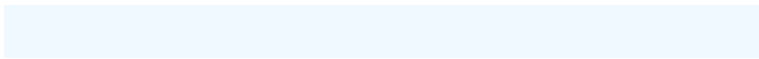
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 247, 235



242, 250, 238



240, 249, 255



253, 245, 255

Sweetspot

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



255, 247, 235



255, 253, 250



255, 235, 243



128, 126, 125



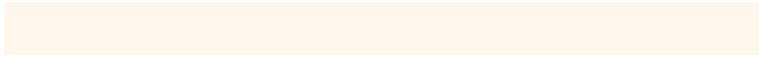
0, 0, 0



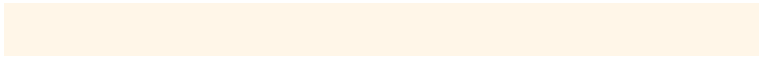
128, 128, 128

Same Dimension

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



255, 247, 235



255, 246, 232



253, 255, 235



128, 122, 115



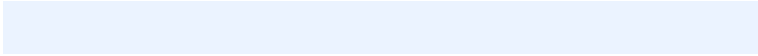
191, 115, 0



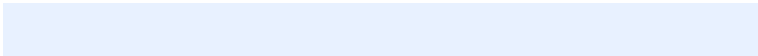
64, 38, 0

Inverse Universe

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



235, 243, 255



232, 241, 255



237, 235, 255



115, 120, 128



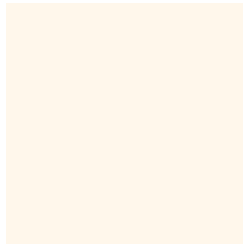
0, 76, 191



0, 25, 64

Previews

White Background



This preview shows how the RGB color 255, 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 255, 247, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

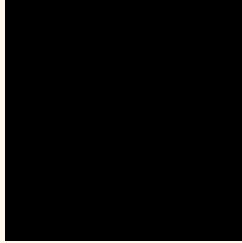
Any Text WCAG AA ✓ Pass

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 255, 247, 235 Background



This preview shows how black text looks on a background with the RGB color 255, 247, 235.

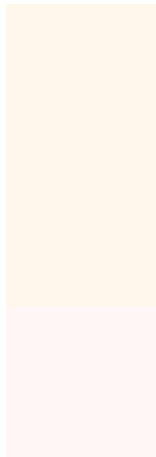


This preview shows how white text looks on a background with the RGB color 255, 247, 235.

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
255, 247, 235

Protanopia
255, 247, 236

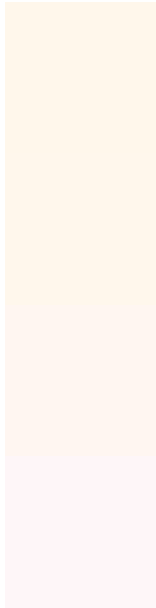
Deuteranopia
255, 246, 245



Tritanopia

253, 246, 255

Trichromacy



Original Color

255, 247, 235

Protanomaly

255, 247, 236

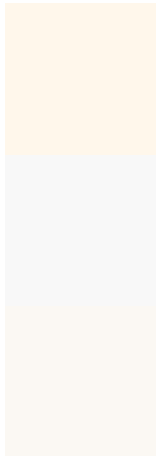
Deuteranomaly

255, 246, 241

Tritanomaly

254, 246, 248

Monochromacy



Original Color

255, 247, 235

Achromatopsia

248, 248, 248

Achromatomaly

251, 248, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 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(255, 247, 235) looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 247, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 235) }
```

Border

The CSS property to change the border of an element to RGB 255, 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(255, 247, 235) }
```

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

```
.border{ border-color:rgb(255, 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(255, 247, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 255, 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(255, 247, 235) }
```

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

```
.background{ background-color: rgb(255,  
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](#).

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