

Converting Colors

RGB(255, 248, 234)

Have a look what the booklet for
RGB(255, 248, 234) contains.

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Color

RGB(255, 248, 234)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8EA
RGB	255, 248, 234
RGB Percent	100%, 97%, 92%
CMY	0.0000, 0.0275, 0.0824
CMYK	0.00, 0.03, 0.08, 0.00
HSL	40°, 100%, 96%
HSV	40°, 8%, 100%
XYZ	89.6587, 94.3353, 91.3249
YIQ	248.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

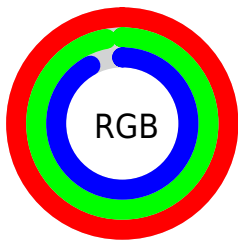
Format	Color
R _Y B	245, 255, 234
Decimal	16775402
CIE Lab	97.77, -0.01, 7.54
CIE LCh	98, 7.536, 90.058
Yxy	94.3353, 0.3257, 0.3426
Android (android.graphics.Color)	4294965482 (0xFFFFF8EA)
YUV	248.4970, -7.1470, 5.7031
Hunter-Lab	97.1264, -5.1953, 12.2399

Details

The RGB color 255, 248, 234 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 234, 241, 255, and the grayscale version is 249, 249, 249.

A 20% lighter version of the original color is 255, 255, 255, and 198, 192, 178 is the 20% darker color. If you saturate the color by 10%, you get 255, 240, 209, and if you desaturate by 10%, it is 255, 255, 255.

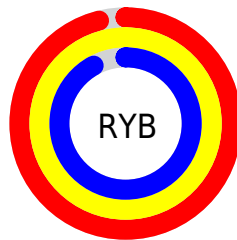
Distribution



Red (100%)

Green (97%)

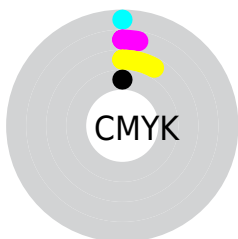
Blue (92%)



Red (96%)

Yellow (100%)

Blue (92%)

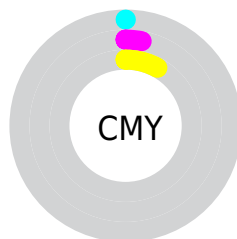


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 248, 234 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, 248, 234 by changing the saturation by 10% instead.


 255, 248, 234

255, 255, 255

 255, 248, 234

 226, 219, 206

 198, 192, 178


 171, 165, 152

 144, 138, 126

 119, 113, 101

 94, 88, 77

 70, 65, 54

 48, 43, 33

 27, 23, 10

 255, 248, 234

 255, 248, 234

 255, 240, 209


255, 255, 255


 255, 231, 183


 255, 223, 157

 255, 214, 132

 255, 206, 106

 255, 197, 81

 255, 189, 56

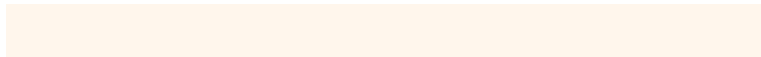
 255, 180, 30

 255, 172, 5

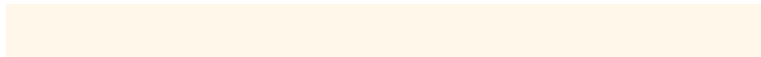
Harmonies

Analogous

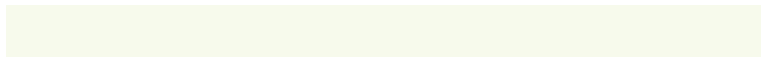
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 246, 236



255, 248, 234



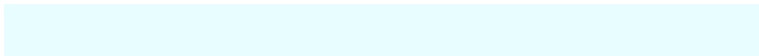
247, 250, 236

Triad

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



255, 248, 234



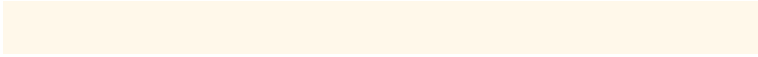
231, 253, 255



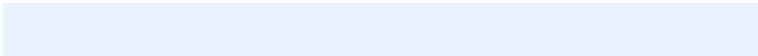
255, 245, 255

Complementary

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



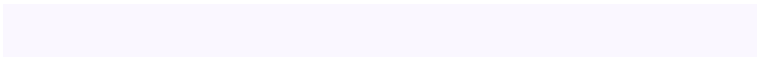
255, 248, 234



234, 241, 255

Split Complementary

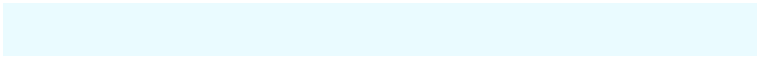
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250, 247, 255



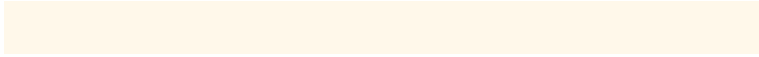
255, 248, 234



234, 251, 255

Square

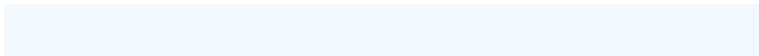
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 248, 234



233, 253, 248



241, 249, 255



255, 244, 249

Rectangle

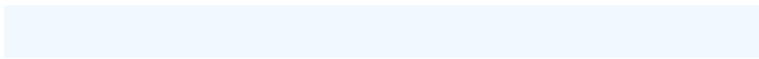
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 248, 234



241, 252, 239



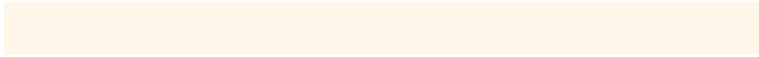
241, 249, 255



255, 245, 255

Sweetspot

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



255, 248, 234



255, 253, 250



255, 234, 241



128, 127, 125



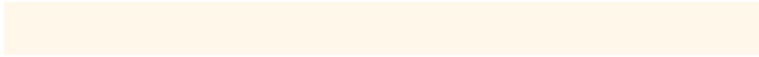
0, 0, 0



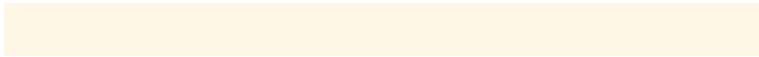
128, 128, 128

Same Dimension

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



255, 248, 234



255, 247, 230



251, 255, 234



128, 123, 115



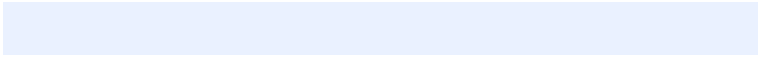
191, 128, 0



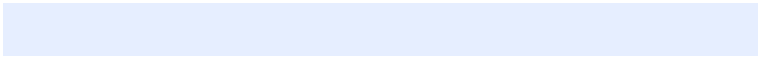
64, 43, 0

Inverse Universe

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



234, 241, 255



230, 238, 255



237, 234, 255



115, 119, 128



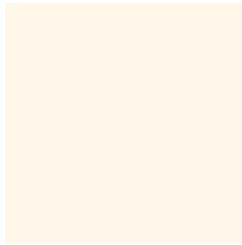
0, 64, 191



0, 21, 64

Previews

White Background



This preview shows how the RGB color 255, 248, 234 looks on a white background.

Color Contrast Check

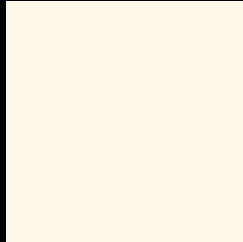
Large Text (above 18pt) WCAG AA × Fail

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, 248, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

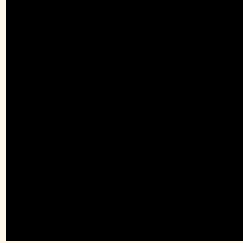
Any Text WCAG AA ✓ Pass

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, 248, 234 Background



This preview shows how black text looks on a background with the RGB color 255, 248, 234.

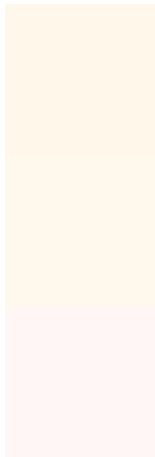


This preview shows how white text looks on a background with the RGB color 255, 248, 234.

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, 248, 234

Protanopia
255, 248, 237

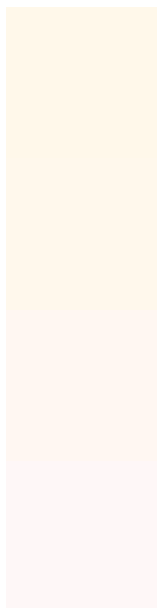
Deuteranopia
255, 247, 246



Tritanopia

253, 246, 255

Trichromacy



Original Color

255, 248, 234

Protanomaly

255, 248, 236

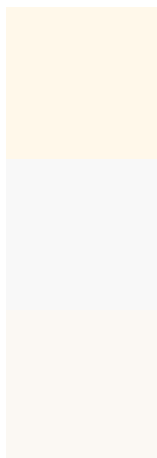
Deuteranomaly

255, 247, 242

Tritanomaly

254, 247, 247

Monochromacy



Original Color

255, 248, 234

Achromatopsia

248, 248, 248

Achromatomaly

251, 248, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 248, 234 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, 248, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 234)  
}
```

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, 248, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 234) }
```

Border

The CSS property to change the border of an element to RGB 255, 248, 234 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, 248, 234) }
```

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

```
.border{ border-color:rgb(255, 248, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 255, 248, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 234) }
```

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

```
.background{ background-color: rgb(255,  
248, 234) }
```

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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