

Converting Colors

RGB(249, 248, 233)

Have a look what the booklet for
RGB(249, 248, 233) contains.

RGB(249, 248, 233)	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(249, 248, 233)

Conversions

Conversions Part 1

Format	Color
Hex	F9F8E9
RGB	249, 248, 233
RGB Percent	98%, 97%, 91%
CMY	0.0235, 0.0275, 0.0863
CMYK	0.00, 0.00, 0.06, 0.02
HSL	56°, 57%, 95%
HSV	56°, 6%, 98%
XYZ	87.3423, 93.1577, 90.4686
YIQ	246.5890, 5.4110, -4.4530

Conversions

Conversions Part 2

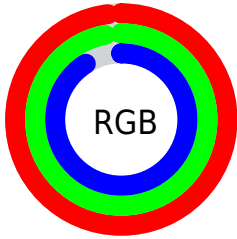
Format	Color
R_{YB}	234, 249, 233
Decimal	16382185
CIE _{Lab}	97.29, -2.22, 7.31
CIE _{LCh}	97, 7.637, 106.887
Yxy	93.1577, 0.3223, 0.3438
Android (android.graphics.Color)	4294572265 (0xFFFF9F8E9)
YUV	246.5890, -6.6994, 2.1144
Hunter-Lab	96.5183, -7.3769, 11.9890

Details

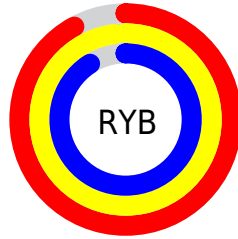
The RGB color 249, 248, 233 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 233, 234, 249, and the grayscale version is 247, 247, 247.

A 20% lighter version of the original color is 255, 255, 255, and 193, 192, 177 is the 20% darker color. If you saturate the color by 10%, you get 249, 246, 208, and if you desaturate by 10%, it is 249, 250, 255.

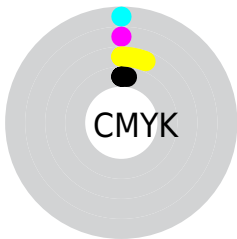
Distribution



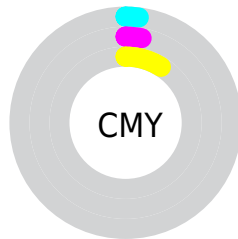
- Red (98%)
- Green (97%)
- Blue (91%)



- Red (92%)
- Yellow (98%)
- Blue (91%)



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



- Cyan (2%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 248, 233 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 249, 248, 233 by changing the saturation by 10% instead.

 249, 248, 233

255, 255, 255


 249, 248, 233

 220, 219, 205

 193, 192, 177

 165, 165, 151

 139, 138, 125

 114, 113, 100

 89, 88, 76

 66, 65, 53

 43, 43, 32

 24, 23, 9

 249, 248, 233

 249, 248, 233

 249, 246, 208

 249, 250, 255

 249, 245, 183

 249, 251, 255

 249, 243, 158

 249, 253, 255


 249, 242, 133

 249, 254, 255

 249, 240, 109

 249, 255, 255

 249, 239, 84

 249, 237, 59

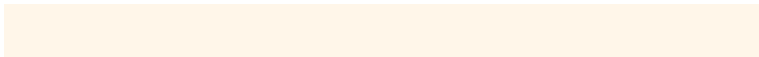
 249, 236, 34

 249, 234, 9

Harmonies

Analogous

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



255, 246, 233



249, 248, 233



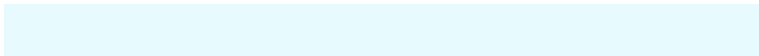
240, 250, 237

Triad

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



249, 248, 233



231, 251, 255



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.



249, 248, 233



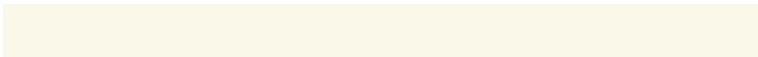
233, 234, 249

Split Complementary

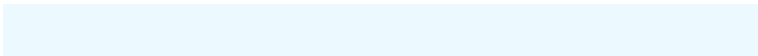
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



254, 244, 255



249, 248, 233



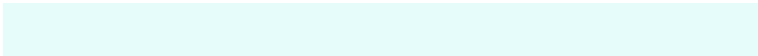
236, 249, 255

Square

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



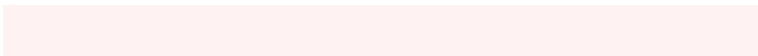
249, 248, 233



229, 252, 251



245, 246, 255



255, 242, 243

Rectangle

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



249, 248, 233



235, 251, 241



245, 246, 255



255, 243, 253

Sweetspot

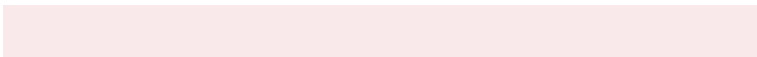
The Sweet Spot groups the original color and five complimentary colors.



249, 248, 233



255, 255, 250



249, 233, 234



128, 127, 125



0, 0, 0



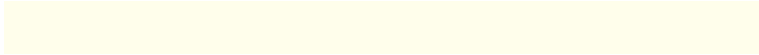
128, 128, 128

Same Dimension

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



249, 248, 233



255, 254, 235



242, 249, 233



125, 124, 112



189, 177, 0



61, 57, 0

Inverse Universe

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



233, 234, 249



235, 236, 255



240, 233, 249



112, 113, 125



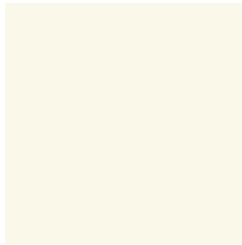
0, 12, 189



0, 4, 61

Previews

White Background



This preview shows how the RGB color 249, 248, 233 looks on a white background.

Color Contrast Check

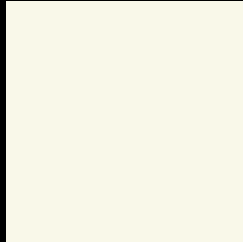
Large Text (above 18pt) WCAG AA × Fail

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 249, 248, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

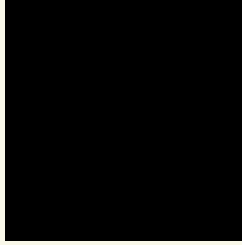
Any Text WCAG AA ✓ Pass

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 249, 248, 233 Background



This preview shows how black text looks on a background with the RGB color 249, 248, 233.



This preview shows how white text looks on a background with the RGB color 249, 248, 233.

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

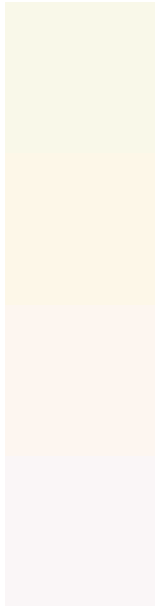
	Original Color 249, 248, 233
	Protanopia 255, 246, 232
	Deuteranopia 255, 245, 244



Tritanopia

250, 245, 255

Trichromacy



Original Color

249, 248, 233

Protanomaly

253, 247, 232

Deuteranomaly

253, 246, 240

Tritanomaly

250, 246, 247

Monochromacy



Original Color

249, 248, 233

Achromatopsia

247, 247, 247

Achromatomaly

248, 247, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 248, 233 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(249, 248, 233) looks like.

```
.text, #text, p{  
    color:rgb(249, 248, 233)  
}
```

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(249, 248, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 248, 233) }
```

Border

The CSS property to change the border of an element to RGB 249, 248, 233 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(249, 248, 233) }
```

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

```
.border{ border-color:rgb(249, 248, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 248, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 248, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 248, 233);  
box-shadow:4px 4px 4px 4px rgb(249, 248,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 249, 248, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 248, 233) }
```

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

```
.background{ background-color: rgb(249,  
248, 233) }
```

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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