

Converting Colors

RGB(249, 235, 228)

Have a look what the booklet for
RGB(249, 235, 228) contains.

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Color

RGB(249, 235, 228)

Conversions

Conversions Part 1

Format	Color
Hex	F9EBE4
RGB	249, 235, 228
RGB Percent	98%, 92%, 89%
CMY	0.0235, 0.0784, 0.1059
CMYK	0.00, 0.06, 0.08, 0.02
HSL	20°, 64%, 94%
HSV	20°, 8%, 98%
XYZ	82.7788, 85.1578, 85.4730
YIQ	238.3880, 10.5910, 0.7910

Conversions

Conversions Part 2

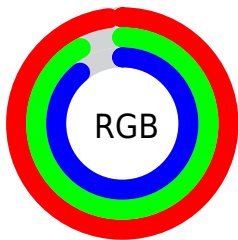
Format	Color
R_YB	249, 239, 228
Decimal	16378852
CIE Lab	93.95, 3.56, 5.08
CIE LCh	94, 6.201, 54.935
Yxy	85.1578, 0.3267, 0.3360
Android (android.graphics.Color)	4294568932 (0xFFFF9EBE4)
YUV	238.3880, -5.1213, 9.3067
Hunter-Lab	92.2810, -1.3719, 9.6808

Details

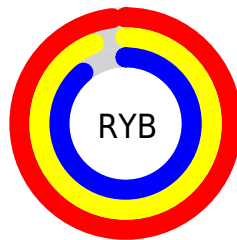
The RGB color **249, 235, 228** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **228, 242, 249**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is 255, 255, 255, and **193, 179, 173** is the 20% darker color. If you saturate the color by 10%, you get **249, 218, 203**, and if you desaturate by 10%, it is 249, 252, 253.

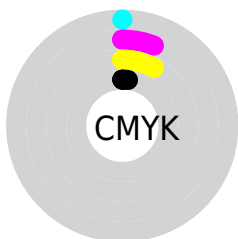
Distribution



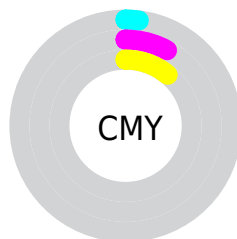
- Red (98%)
- Green (92%)
- Blue (89%)



- Red (98%)
- Yellow (94%)
- Blue (89%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 235, 228 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, 235, 228 by changing the saturation by 10% instead.

 249, 235, 228

255, 255, 255

 249, 235, 228

 220, 207, 200


 193, 179, 173

 165, 153, 146

 139, 127, 120

 113, 102, 96

 89, 78, 72

 65, 55, 50

 43, 34, 29

 24, 11, 2

 249, 235, 228

 249, 235, 228

 249, 218, 203

 249, 252, 253


 249, 202, 178


 249, 255, 255

 249, 185, 153

 249, 169, 128

 249, 152, 104

 249, 135, 79

 249, 119, 54

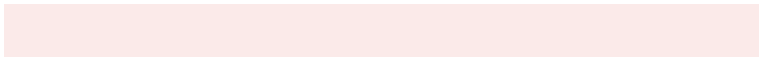
 249, 102, 29

 249, 86, 4

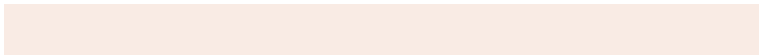
Harmonies

Analogous

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



251, 234, 233



249, 235, 228



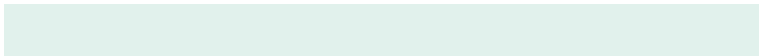
244, 237, 226

Triad

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



249, 235, 228



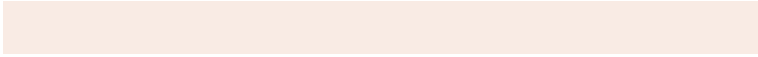
225, 241, 236



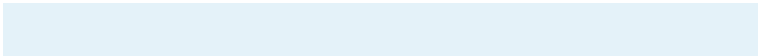
238, 236, 248

Complementary

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



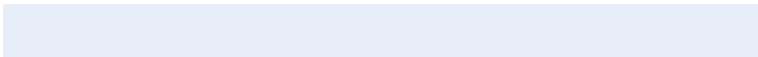
249, 235, 228



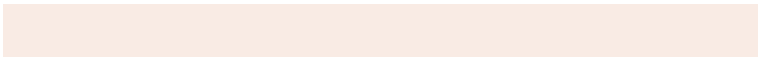
228, 242, 249

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.



231, 238, 249



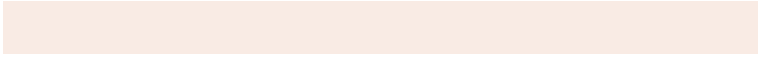
249, 235, 228



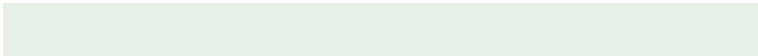
223, 241, 242

Square

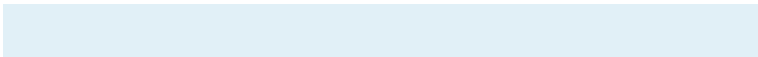
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 235, 228



230, 240, 231



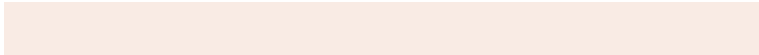
225, 240, 247



245, 235, 245

Rectangle

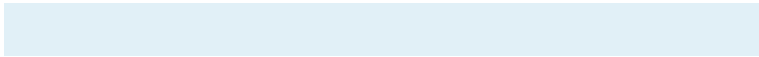
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 235, 228



240, 238, 226



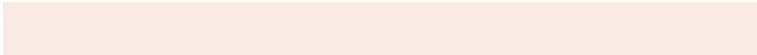
225, 240, 247



235, 237, 249

Sweetspot

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



249, 235, 228



255, 250, 247



249, 228, 242



128, 124, 122



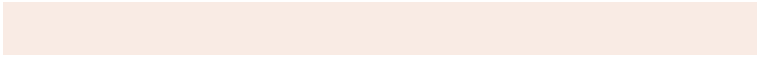
0, 0, 0



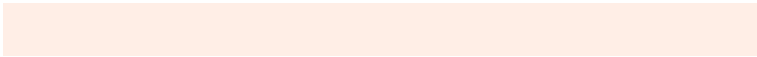
128, 128, 128

Same Dimension

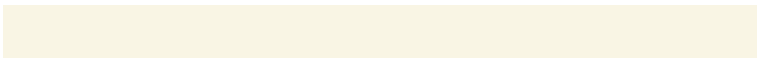
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 235, 228



255, 238, 230



249, 245, 228



125, 117, 112



189, 63, 0



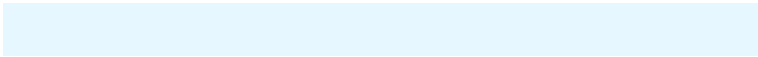
61, 20, 0

Inverse Universe

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



228, 242, 249



230, 247, 255



228, 232, 249



112, 121, 125



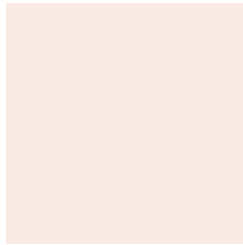
0, 126, 189



0, 41, 61

Previews

White Background



This preview shows how the RGB color 249, 235, 228 looks on a white background.

Color Contrast Check

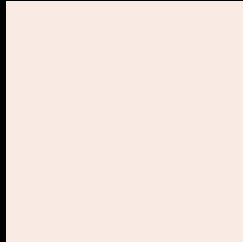
Large Text (above 18pt) WCAG AA × Fail

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, 235, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

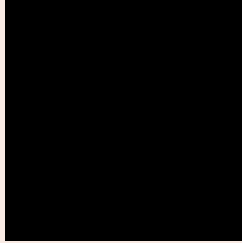
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

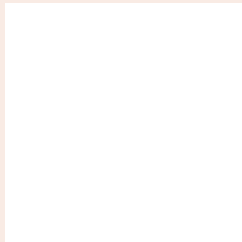
Any Text WCAG AAA ✓ Pass

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

RGB 249, 235, 228 Background



This preview shows how black text looks on a background with the RGB color 249, 235, 228.

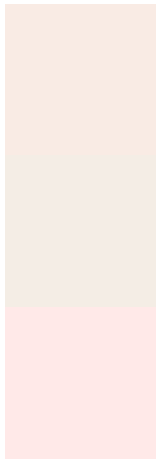


This preview shows how white text looks on a background with the RGB color 249, 235, 228.

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, 235, 228

Protanopia
244, 237, 229

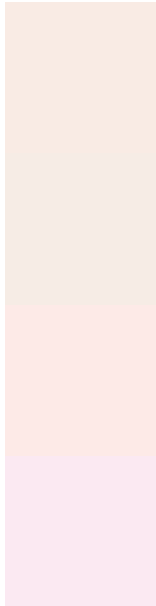
Deuteranopia
255, 233, 232



Tritanopia

252, 232, 250

Trichromacy



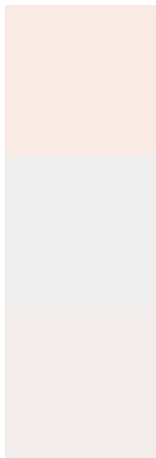
Original Color
249, 235, 228

Protanomaly
246, 236, 229

Deuteranomaly
253, 234, 231

Tritanomaly
251, 233, 242

Monochromacy



Original Color
249, 235, 228

Achromatopsia
238, 238, 238

Achromatomaly
242, 237, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 235, 228 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, 235, 228) looks like.

```
.text, #text, p{  
    color:rgb(249, 235, 228)  
}
```

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, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 235, 228) }
```

Border

The CSS property to change the border of an element to RGB 249, 235, 228 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, 235, 228) }
```

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

```
.border{ border-color:rgb(249, 235, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 235, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 235, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 235, 228); box-shadow:4px 4px 4px 4px rgb(249, 235, 228) }
```

Background

The CSS property to change the background color of an element to RGB 249, 235, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 235, 228) }
```

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

```
.background{ background-color: rgb(249,  
235, 228) }
```

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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