

Converting Colors

RGB(249, 238, 248)

Have a look what the booklet for
RGB(249, 238, 248) contains.

RGB(249, 238, 248)	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, 238, 248)

Conversions

Conversions Part 1

Format	Color
Hex	F9EEF8
RGB	249, 238, 248
RGB Percent	98%, 93%, 97%
CMY	0.0235, 0.0667, 0.0275
CMYK	0.00, 0.04, 0.00, 0.02
HSL	305°, 48%, 95%
HSV	305°, 4%, 98%
XYZ	86.5847, 88.0661, 101.2419
YIQ	242.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

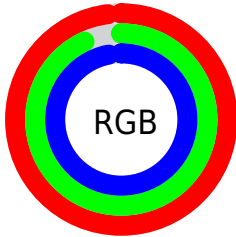
Format	Color
R _{YB}	249, 238, 248
Decimal	16379640
CIE Lab	95.19, 5.44, -3.50
CIE LCh	95, 6.467, 327.202
Yxy	88.0661, 0.3138, 0.3192
Android (android.graphics.Color)	4294569720 (0xFF9EEF8)
YUV	242.4290, 2.7465, 5.7628
Hunter-Lab	93.8436, 0.4668, 1.7262

Details

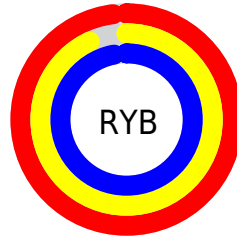
The RGB color **249, 238, 248** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **238, 249, 239**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 182, 192** is the 20% darker color. If you saturate the color by 10%, you get **249, 213, 246**, and if you desaturate by 10%, it is **249, 255, 250**.

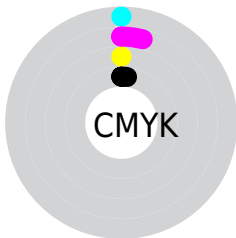
Distribution



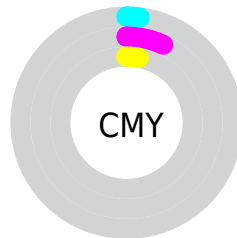
- Red (98%)
- Green (93%)
- Blue (97%)



- Red (98%)
- Yellow (93%)
- Blue (97%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 238, 248 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, 238, 248 by changing the saturation by 10% instead.

 249, 238, 248

255, 255, 255

 249, 238, 248

 220, 210, 219

 193, 182, 192

 165, 155, 165

 139, 129, 138

 114, 104, 113

 89, 80, 88

 66, 57, 65

 44, 36, 43

 23, 14, 23

 249, 238, 248

 249, 238, 248

 249, 213, 246

 249, 255, 250

 249, 188, 243


 249, 255, 253

 249, 163, 241

 249, 255, 255

 249, 138, 239


 249, 255, 255

 249, 114, 237

 249, 89, 234

 249, 64, 232

 249, 39, 230

 249, 14, 228

Harmonies

Analogous

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



242, 240, 252



249, 238, 248



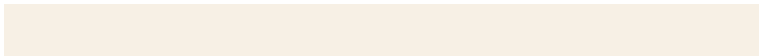
254, 237, 242

Triad

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



249, 238, 248



247, 240, 229



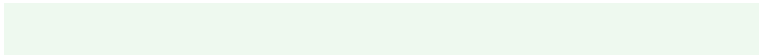
226, 245, 247

Complementary

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



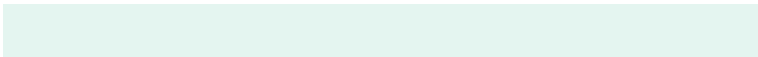
249, 238, 248



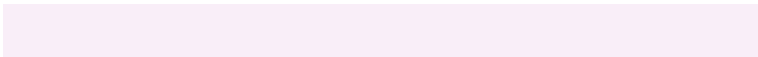
238, 249, 239

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.



228, 245, 240



249, 238, 248



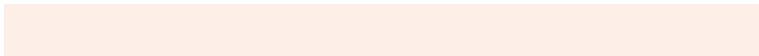
240, 243, 230

Square

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



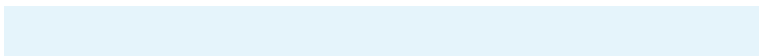
249, 238, 248



253, 239, 231



233, 244, 234



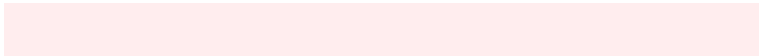
229, 244, 251

Rectangle

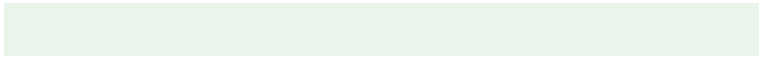
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 238, 248



255, 237, 238



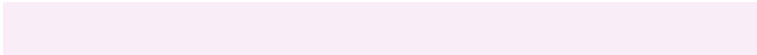
233, 244, 234



226, 245, 245

Sweetspot

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



249, 238, 248



255, 252, 255



239, 238, 249



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

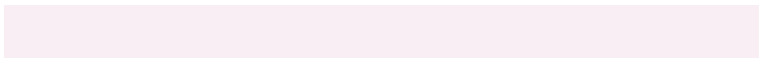
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 238, 248



255, 242, 254



249, 238, 243



125, 117, 124



189, 0, 172



61, 0, 56

Inverse Universe

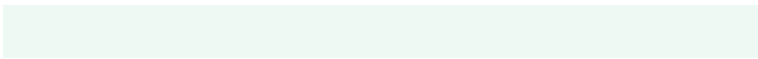
The Inverse Universe completely reimagines the original color for something new.



249, 238, 248



255, 242, 254



238, 249, 244



125, 117, 124



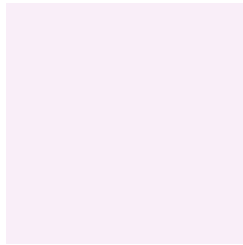
189, 0, 172



61, 0, 56

Previews

White Background



This preview shows how the RGB color 249, 238, 248 looks on a white background.

Color Contrast Check

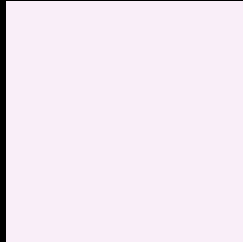
Large Text (above 18pt) WCAG AA × Fail

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, 238, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

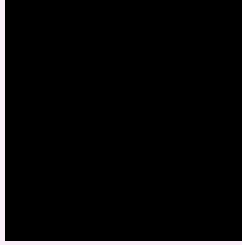
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

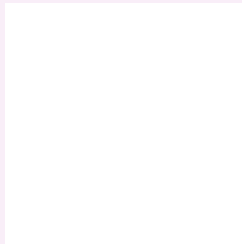
Any Text WCAG AAA ✓ Pass

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

RGB 249, 238, 248 Background



This preview shows how black text looks on a background with the RGB color 249, 238, 248.

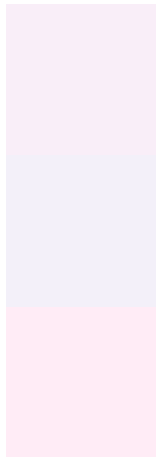


This preview shows how white text looks on a background with the RGB color 249, 238, 248.

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](#), [238](#), [248](#)

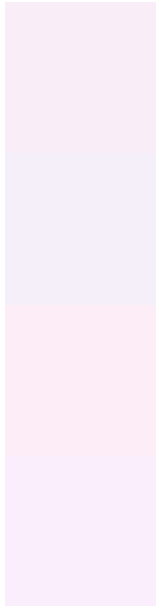
Protanopia
[243](#), [240](#), [249](#)

Deuteranopia
[255](#), [236](#), [246](#)



Tritanopia
250, 237, 255

Trichromacy



Original Color

249, 238, 248

Protanomaly

245, 239, 249

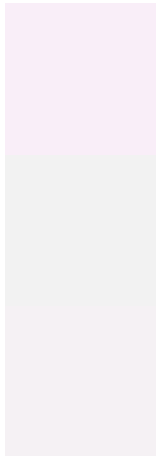
Deuteranomaly

253, 237, 247

Tritanomaly

250, 237, 252

Monochromacy



Original Color

249, 238, 248

Achromatopsia

242, 242, 242

Achromatomaly

245, 241, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 238, 248 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, 238, 248) looks like.

```
.text, #text, p{  
    color:rgb(249, 238, 248)  
}
```

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, 238, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 238, 248) }
```

Border

The CSS property to change the border of an element to RGB 249, 238, 248 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, 238, 248) }
```

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

```
.border{ border-color:rgb(249, 238, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 238, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 238, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 238, 248);  
box-shadow:4px 4px 4px 4px rgb(249, 238,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 249, 238, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 238, 248) }
```

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

```
.background{ background-color: rgb(249,  
238, 248) }
```

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