

Converting Colors

RGB(249, 238, 238)

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

RGB(249, 238, 238)	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, 238)

Conversions

Conversions Part 1

Format	Color
Hex	F9EEEE
RGB	249, 238, 238
RGB Percent	98%, 93%, 93%
CMY	0.0235, 0.0667, 0.0667
CMYK	0.00, 0.04, 0.04, 0.02
HSL	0°, 48%, 95%
HSV	0°, 4%, 98%
XYZ	85.0741, 87.4619, 93.2869
YIQ	241.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

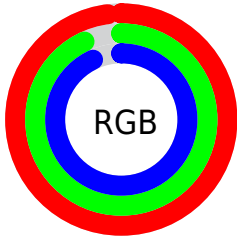
Format	Color
R _{YB}	249, 238, 238
Decimal	16379630
CIE Lab	94.93, 3.70, 1.31
CIE LCh	95, 3.924, 19.510
Yxy	87.4619, 0.3200, 0.3290
Android (android.graphics.Color)	4294569710 (0xFF99EE)
YUV	241.2890, -1.6215, 6.7625
Hunter-Lab	93.5210, -1.2842, 6.3232

Details

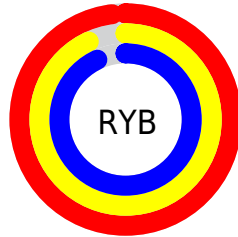
The RGB color **249, 238, 238** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **238, 249, 249**, and the grayscale version is **241, 241, 241**.

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

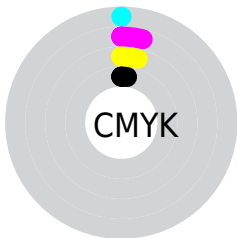
Distribution



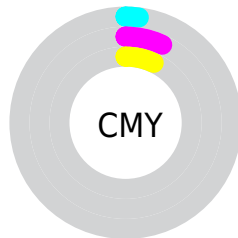
- Red (98%)
- Green (93%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

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

 249, 238, 238

 249, 238, 238

255, 255, 255

 220, 210, 210

 193, 182, 182

 165, 155, 155

 139, 129, 129

 114, 104, 104

 89, 80, 80

 66, 57, 57

 44, 36, 36


 23, 14, 14


 249, 238, 238

 249, 238, 238

 249, 213, 213

 249, 255, 255

 249, 188, 188

 249, 163, 163

 249, 138, 138

 249, 114, 114

 249, 89, 89

 249, 64, 64

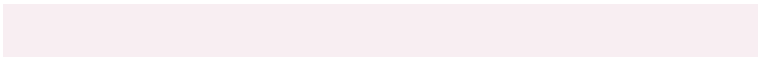
 249, 39, 39

 249, 14, 14

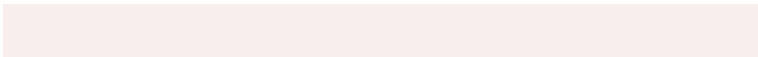
Harmonies

Analogous

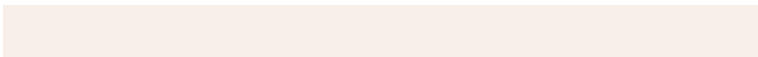
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 238, 242



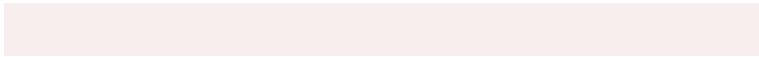
249, 238, 238



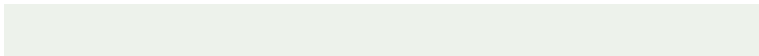
248, 239, 235

Triad

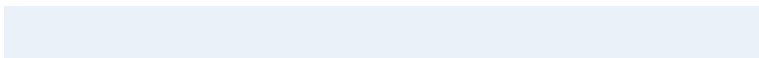
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 238, 238



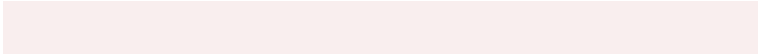
237, 242, 235



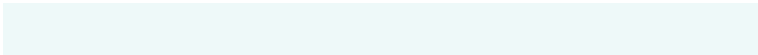
235, 241, 248

Complementary

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



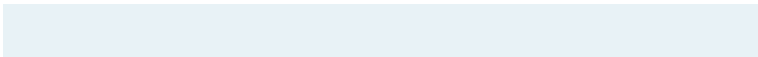
249, 238, 238



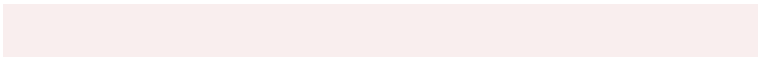
238, 249, 249

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.



232, 242, 246



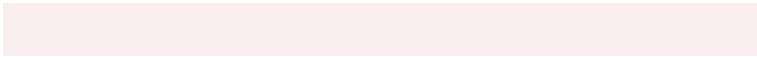
249, 238, 238



233, 243, 239

Square

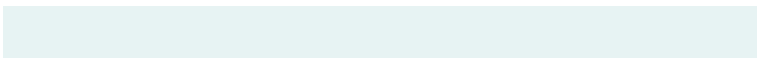
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 238, 238



241, 241, 233



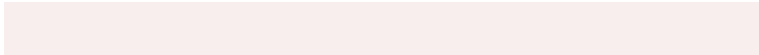
231, 243, 243



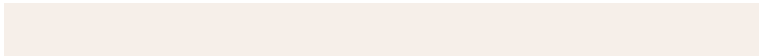
240, 240, 248

Rectangle

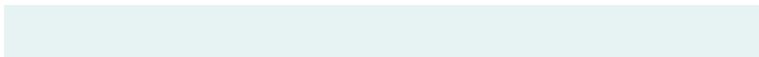
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



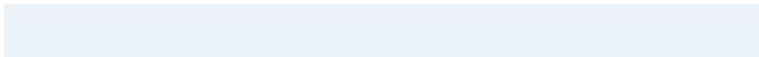
249, 238, 238



246, 239, 233



231, 243, 243



234, 242, 247

Sweetspot

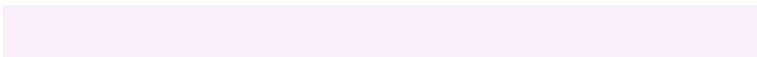
The Sweet Spot groups the original color and five complimentary colors.



249, 238, 238



255, 252, 252



249, 238, 249



128, 126, 126



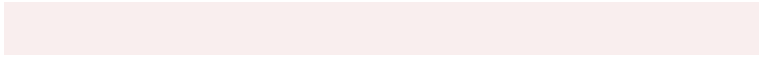
0, 0, 0



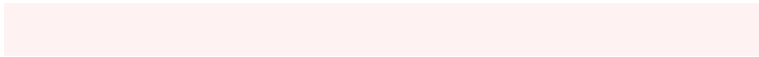
128, 128, 128

Same Dimension

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



249, 238, 238



255, 242, 242



249, 244, 238



125, 117, 117



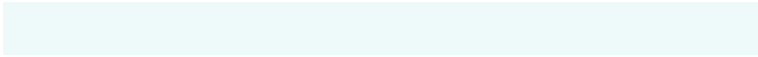
189, 0, 0



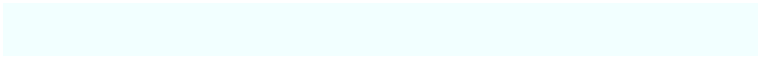
61, 0, 0

Inverse Universe

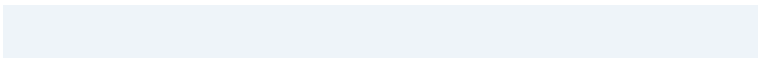
The Inverse Universe completely reimagines the original color for something new.



238, 249, 249



242, 255, 255



238, 244, 249



117, 125, 125



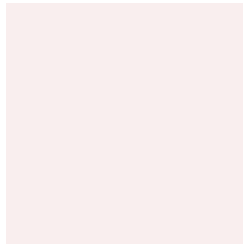
0, 189, 189



0, 61, 61

Previews

White Background



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

Color Contrast Check

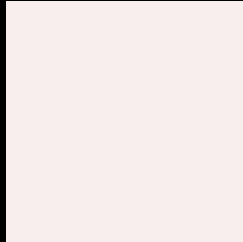
Large Text (above 18pt) WCAG AA × Fail

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, 238 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

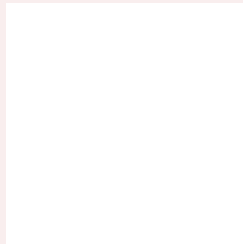
Any Text WCAG AAA ✓ Pass

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

RGB 249, 238, 238 Background



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

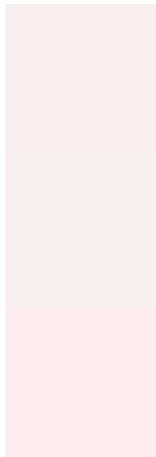


This preview shows how white text looks on a background with the RGB color 249, 238, 238.

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, 238

Protanopia
245, 239, 239

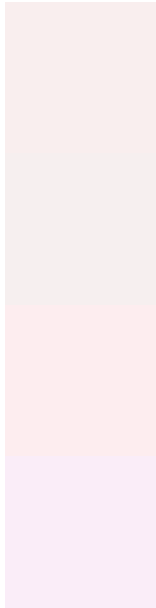
Deuteranopia
255, 236, 240



Tritanopia

251, 236, 254

Trichromacy



Original Color

249, 238, 238

Protanomaly

246, 239, 239

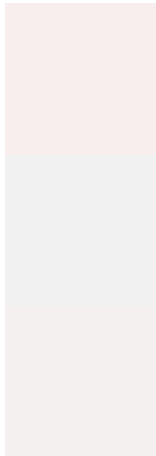
Deuteranomaly

253, 237, 239

Tritanomaly

250, 237, 248

Monochromacy



Original Color

249, 238, 238

Achromatopsia

241, 241, 241

Achromatomaly

244, 240, 240

CSS Examples

Text

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

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

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, 238) colored shadow looks like.

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

Border

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

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

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

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, 238)` colored shadow looks like.

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

Background

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

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

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

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