

Converting Colors

RGB(249, 254, 233)

Have a look what the booklet for
RGB(249, 254, 233) contains.

RGB(249, 254, 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, 254, 233)

Conversions

Conversions Part 1

Format	Color
Hex	F9FEE9
RGB	249, 254, 233
RGB Percent	98%, 100%, 91%
CMY	0.0235, 0.0039, 0.0863
CMYK	0.02, 0.00, 0.08, 0.00
HSL	74°, 91%, 95%
HSV	74°, 8%, 100%
XYZ	89.2167, 96.9066, 91.0934
YIQ	250.1110, 3.7610, -7.5910

Conversions

Conversions Part 2

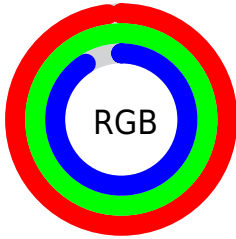
Format	Color
R_{YB}	233, 254, 238
Decimal	16383721
CIE Lab	98.79, -5.23, 9.46
CIE LCh	99, 10.811, 118.932
Yxy	96.9066, 0.3218, 0.3496
Android (android.graphics.Color)	4294573801 (0xFFFF9FEE9)
YUV	250.1110, -8.4357, -0.9743
Hunter-Lab	98.4411, -10.4983, 14.0442

Details

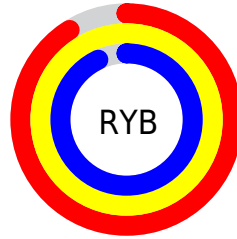
The RGB color 249, 254, 233 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 238, 233, 254, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 193, 197, 177 is the 20% darker color. If you saturate the color by 10%, you get 243, 254, 208, and if you desaturate by 10%, it is 255, 254, 255.

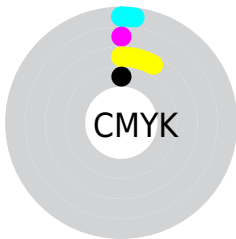
Distribution



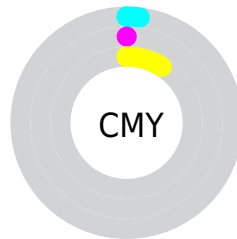
- Red (98%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (93%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 254, 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, 254, 233 by changing the saturation by 10% instead.

 249, 254, 233

255, 255, 255


 249, 254, 233

 220, 225, 205


 193, 197, 177


 165, 170, 151


 139, 144, 125

 114, 118, 100

 89, 93, 76

 66, 70, 53

 43, 48, 32

 24, 27, 9

249, 254, 233

249, 254, 233

243, 254, 208

255, 254, 255

237, 254, 182

231, 254, 157

225, 254, 131

219, 254, 106

213, 254, 81

207, 254, 55

201, 254, 30

195, 254, 4

Harmonies

Analogous

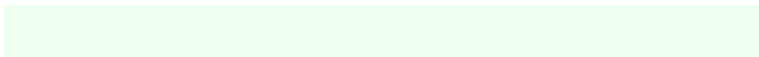
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 251, 231



249, 254, 233



237, 255, 240

Triad

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



249, 254, 233



230, 255, 255



255, 245, 252

Complementary

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



249, 254, 233



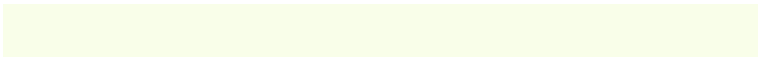
238, 233, 254

Split Complementary

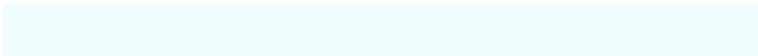
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 246, 255



249, 254, 233



240, 252, 255

Square

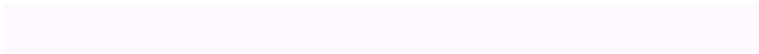
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



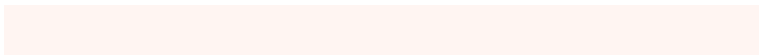
249, 254, 233



226, 255, 255



253, 249, 255



255, 245, 242

Rectangle

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



249, 254, 233



231, 255, 247



253, 249, 255



255, 245, 255

Sweetspot

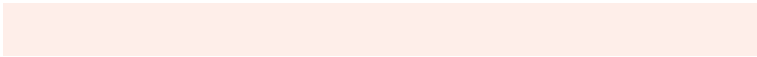
The Sweet Spot groups the original color and five complimentary colors.



249, 254, 233



254, 255, 250



254, 238, 233



127, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



249, 254, 233



249, 255, 230



239, 254, 233



124, 128, 115



146, 191, 0



49, 64, 0

Inverse Universe

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



238, 233, 254



236, 230, 255



248, 233, 254



118, 115, 128



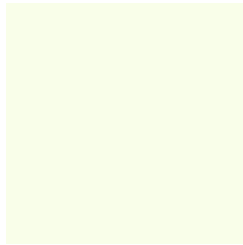
46, 0, 191



15, 0, 64

Previews

White Background



This preview shows how the RGB color 249, 254, 233 looks on a white background.

Color Contrast Check

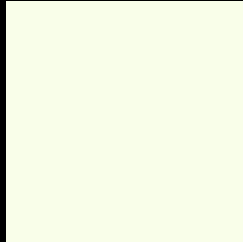
Large Text (above 18pt) WCAG AA × Fail

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, 254, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

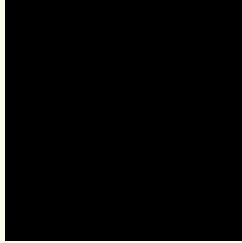
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

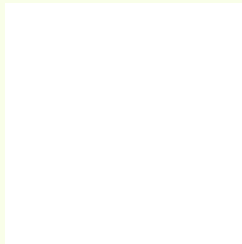
Any Text WCAG AAA ✓ Pass

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

RGB 249, 254, 233 Background



This preview shows how black text looks on a background with the RGB color 249, 254, 233.

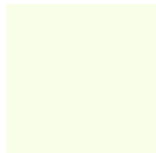


This preview shows how white text looks on a background with the RGB color 249, 254, 233.

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](#), [254](#), [233](#)

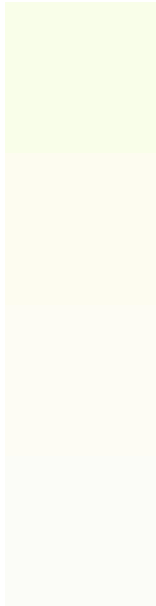
Protanopia
[255](#), [251](#), [244](#)

Deuteranopia
[255](#), [251](#), [250](#)

Tritanopia

252, 251, 255

Trichromacy



Original Color

249, 254, 233

Protanomaly

253, 252, 240

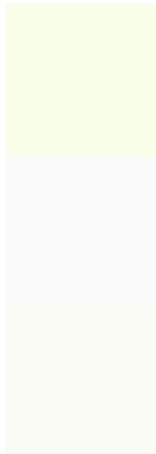
Deuteranomaly

253, 252, 244

Tritanomaly

251, 252, 247

Monochromacy



Original Color

249, 254, 233

Achromatopsia

250, 250, 250

Achromatomaly

250, 251, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 254, 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, 254, 233)` looks like.

```
.text, #text, p{  
    color:rgb(249, 254, 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, 254, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 254, 233) }
```

Border

The CSS property to change the border of an element to RGB 249, 254, 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, 254, 233) }
```

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

```
.border{ border-color:rgb(249, 254, 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, 254, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 254, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 254, 233);  
box-shadow:4px 4px 4px 4px rgb(249, 254,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 249, 254, 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, 254, 233) }
```

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

```
.background{ background-color: rgb(249,  
254, 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](#).

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