

Converting Colors

RGB(249, 250, 227)

Have a look what the booklet for
RGB(249, 250, 227) contains.

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Color

RGB(249, 250, 227)

Conversions

Conversions Part 1

Format	Color
Hex	F9FAE3
RGB	249, 250, 227
RGB Percent	98%, 98%, 89%
CMY	0.0235, 0.0196, 0.1098
CMYK	0.00, 0.00, 0.09, 0.02
HSL	63°, 70%, 94%
HSV	63°, 9%, 98%
XYZ	87.1177, 94.0570, 86.2363
YIQ	247.0790, 6.7870, -7.3650

Conversions

Conversions Part 2

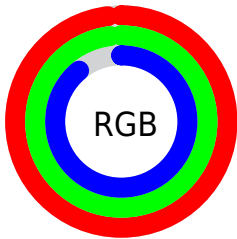
Format	Color
R_{YB}	227, 250, 228
Decimal	16382691
CIE _{Lab}	97.65, -4.20, 10.91
CIE _{LCh}	98, 11.695, 111.058
Yxy	94.0570, 0.3258, 0.3517
Android (android.graphics.Color)	4294572771 (0xFFFF9FAE3)
YUV	247.0790, -9.8989, 1.6847
Hunter-Lab	96.9830, -9.3777, 15.1680

Details

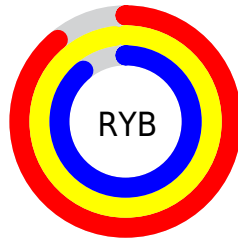
The RGB color **249, 250, 227** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **228, 227, 250**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 194, 172** is the 20% darker color. If you saturate the color by 10%, you get **248, 250, 202**, and if you desaturate by 10%, it is **250, 250, 252**.

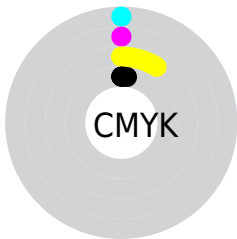
Distribution



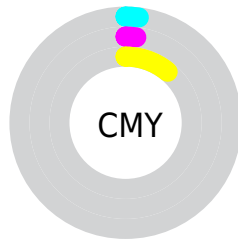
- Red (98%)
- Green (98%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 250, 227 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, 250, 227 by changing the saturation by 10% instead.

 249, 250, 227

255, 255, 255

 249, 250, 227

 220, 221, 199

 193, 194, 172

 165, 166, 145

 139, 140, 119

 113, 115, 95

 89, 90, 71

 65, 67, 48

 43, 45, 27

 24, 24, 1


 249, 250, 227

 249, 250, 227


 248, 250, 202

 250, 250, 252

 247, 250, 177

 251, 250, 255

 246, 250, 152


 252, 250, 255

 245, 250, 127


 253, 250, 255

 244, 250, 102

 254, 250, 255

 242, 250, 77

 255, 250, 255

 241, 250, 52

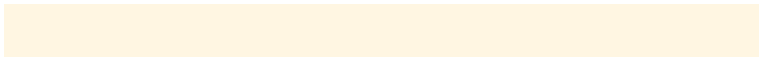
 240, 250, 27

 239, 250, 2

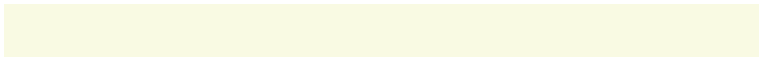
Harmonies

Analogous

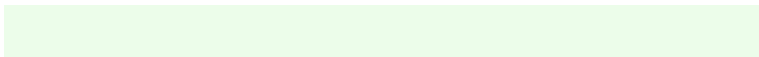
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 246, 226



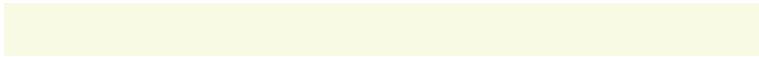
249, 250, 227



236, 253, 234

Triad

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



249, 250, 227



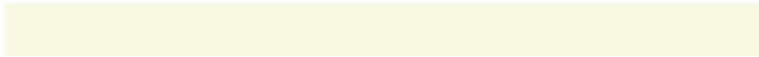
223, 253, 255



255, 241, 252

Complementary

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



249, 250, 227



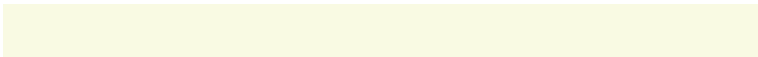
228, 227, 250

Split Complementary

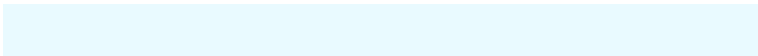
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 243, 255



249, 250, 227



233, 250, 255

Square

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



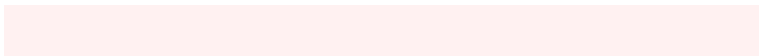
249, 250, 227



220, 255, 255



246, 246, 255



255, 241, 241

Rectangle

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



249, 250, 227



228, 255, 240



246, 246, 255



255, 241, 255

Sweetspot

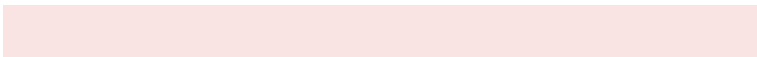
The Sweet Spot groups the original color and five complimentary colors.



249, 250, 227



255, 255, 247



250, 228, 227



127, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



249, 250, 227



254, 255, 227



238, 250, 227



124, 125, 112



180, 189, 0



59, 61, 0

Inverse Universe

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



228, 227, 250



228, 227, 255



239, 227, 250



113, 112, 125



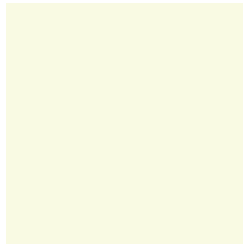
8, 0, 189



3, 0, 61

Previews

White Background



This preview shows how the RGB color 249, 250, 227 looks on a white background.

Color Contrast Check

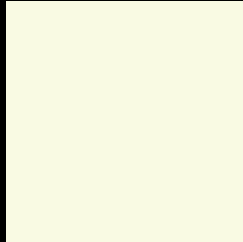
Large Text (above 18pt) WCAG AA × Fail

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, 250, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

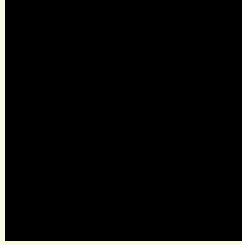
Any Text WCAG AA ✓ Pass

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, 250, 227 Background



This preview shows how black text looks on a background with the RGB color 249, 250, 227.

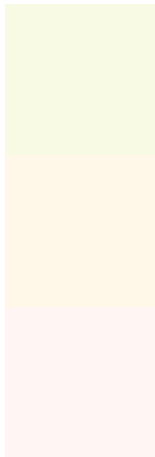


This preview shows how white text looks on a background with the RGB color 249, 250, 227.

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](#), [250](#), [227](#)

Protanopia
[255](#), [248](#), [233](#)

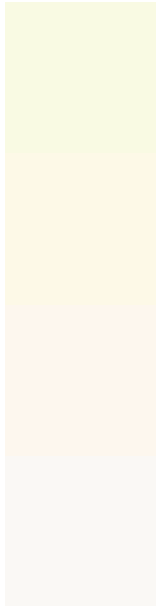
Deuteranopia
[255](#), [246](#), [244](#)



Tritanopia

251, 247, 255

Trichromacy



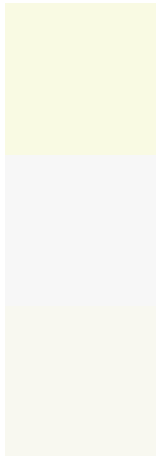
Original Color
249, 250, 227

Protanomaly
253, 249, 231

Deuteranomaly
253, 247, 238

Tritanomaly
250, 248, 245

Monochromacy



Original Color
249, 250, 227

Achromatopsia
247, 247, 247

Achromatomaly
248, 248, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 250, 227 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, 250, 227) looks like.

```
.text, #text, p{  
    color:rgb(249, 250, 227)  
}
```

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, 250, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 227) }
```

Border

The CSS property to change the border of an element to RGB 249, 250, 227 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, 250, 227) }
```

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

```
.border{ border-color:rgb(249, 250, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 250, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 250, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 250, 227);  
box-shadow:4px 4px 4px 4px rgb(249, 250,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 249, 250, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 250, 227) }
```

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

```
.background{ background-color: rgb(249,  
250, 227) }
```

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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