

Converting Colors

RGB(247, 250, 228)

Have a look what the booklet for
RGB(247, 250, 228) contains.

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Color

RGB(247, 250, 228)

Conversions

Conversions Part 1

Format	Color
Hex	F7FAE4
RGB	247, 250, 228
RGB Percent	97%, 98%, 89%
CMY	0.0314, 0.0196, 0.1059
CMYK	0.01, 0.00, 0.09, 0.02
HSL	68°, 69%, 94%
HSV	68°, 9%, 98%
XYZ	86.5470, 93.7468, 86.9322
YIQ	246.5950, 5.2740, -7.4780

Conversions

Conversions Part 2

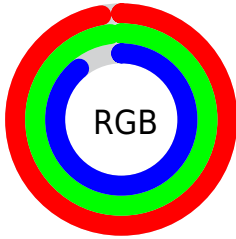
Format	Color
R_{YB}	228, 250, 231
Decimal	16251620
CIE Lab	97.53, -4.73, 10.20
CIE LCh	98, 11.243, 114.855
Yxy	93.7468, 0.3239, 0.3508
Android (android.graphics.Color)	4294441700 (0xFFFF7FAE4)
YUV	246.5950, -9.1673, 0.3552
Hunter-Lab	96.8229, -9.8846, 14.5427

Details

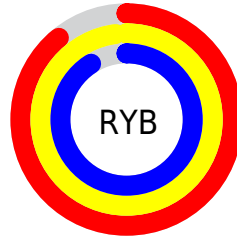
The RGB color **247, 250, 228** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **231, 228, 250**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **191, 194, 173** is the 20% darker color. If you saturate the color by 10%, you get **244, 250, 203**, and if you desaturate by 10%, it is **250, 250, 253**.

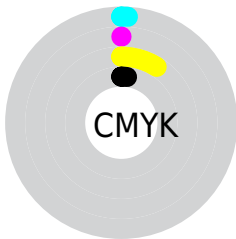
Distribution



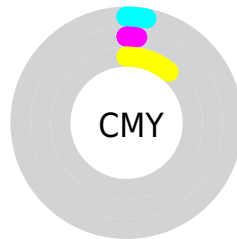
- Red (97%)
- Green (98%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 250, 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 247, 250, 228 by changing the saturation by 10% instead.

 247, 250, 228


255, 255, 255

 247, 250, 228

 218, 221, 200

 191, 194, 173

 164, 166, 146

 137, 140, 120

 112, 115, 96

 87, 90, 72

 64, 67, 49

 42, 45, 28

 22, 24, 2

 247, 250, 228

 247, 250, 228

 244, 250, 203

 250, 250, 253

 240, 250, 178

 254, 250, 255


 237, 250, 153


 255, 250, 255

 233, 250, 128

 230, 250, 103

 227, 250, 78

 223, 250, 53

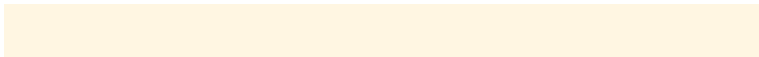
 220, 250, 28

 216, 250, 3

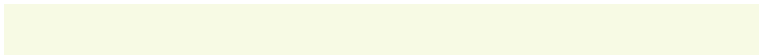
Harmonies

Analogous

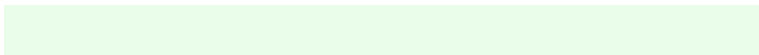
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 246, 226



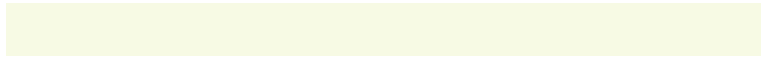
247, 250, 228



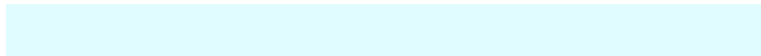
234, 253, 235

Triad

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



247, 250, 228



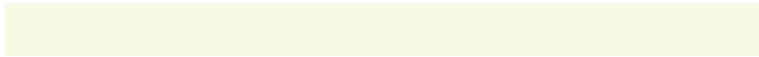
225, 252, 255



255, 241, 250

Complementary

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



247, 250, 228



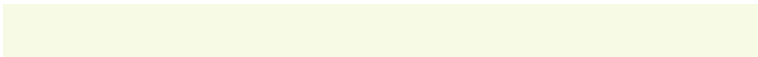
231, 228, 250

Split Complementary

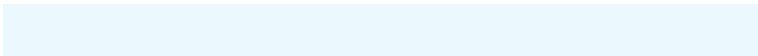
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 243, 255



247, 250, 228



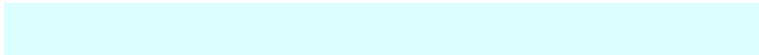
235, 249, 255

Square

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



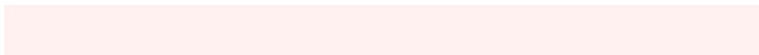
247, 250, 228



221, 254, 255



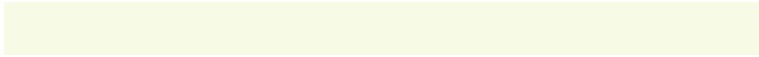
248, 246, 255



255, 241, 239

Rectangle

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



247, 250, 228



228, 254, 242



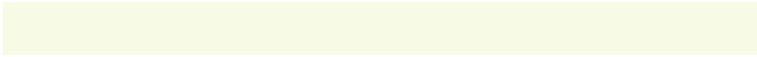
248, 246, 255



255, 241, 254

Sweetspot

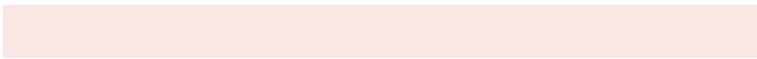
The Sweet Spot groups the original color and five complimentary colors.



247, 250, 228



254, 255, 247



250, 231, 228



127, 128, 122



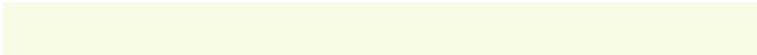
0, 0, 0



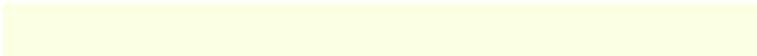
128, 128, 128

Same Dimension

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



247, 250, 228



251, 255, 227



236, 250, 228



123, 125, 112



163, 189, 0



53, 61, 0

Inverse Universe

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



231, 228, 250



231, 227, 255



242, 228, 250



114, 112, 125



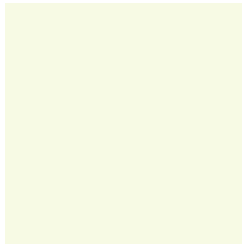
26, 0, 189



8, 0, 61

Previews

White Background



This preview shows how the RGB color 247, 250, 228 looks on a white background.

Color Contrast Check

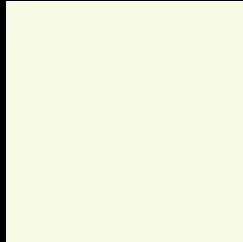
Large Text (above 18pt) WCAG AA × Fail

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 247, 250, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

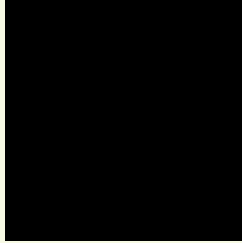
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

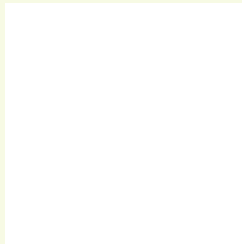
Any Text WCAG AAA ✓ Pass

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

RGB 247, 250, 228 Background



This preview shows how black text looks on a background with the RGB color 247, 250, 228.

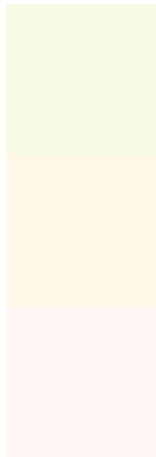


This preview shows how white text looks on a background with the RGB color 247, 250, 228.

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
[247](#), [250](#), [228](#)

Protanopia
[255](#), [247](#), [232](#)

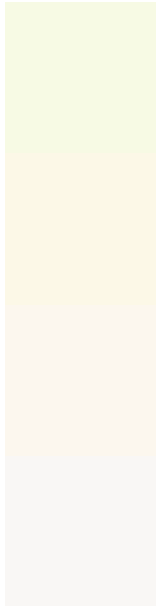
Deuteranopia
[255](#), [246](#), [244](#)



Tritanopia

250, 246, 255

Trichromacy



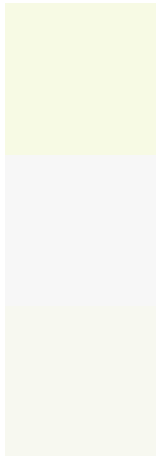
Original Color
247, 250, 228

Protanomaly
252, 248, 231

Deuteranomaly
252, 247, 238

Tritanomaly
249, 247, 245

Monochromacy



Original Color
247, 250, 228

Achromatopsia
247, 247, 247

Achromatomaly
247, 248, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 250, 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(247, 250, 228)` looks like.

```
.text, #text, p{  
    color:rgb(247, 250, 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(247, 250, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 228) }
```

Border

The CSS property to change the border of an element to RGB 247, 250, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

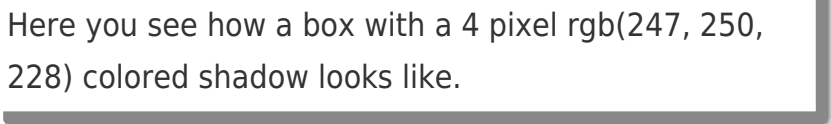
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 250, 228) }
```

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

```
.border{ border-color:rgb(247, 250, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 250, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 250, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 250, 228); box-shadow:4px 4px 4px 4px rgb(247, 250, 228) }
```

Background

The CSS property to change the background color of an element to RGB 247, 250, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 250, 228) }
```

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

```
.background{ background-color: rgb(247,  
250, 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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