

Converting Colors

RGB(248, 249, 228)

Have a look what the booklet for
RGB(248, 249, 228) contains.

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Color

RGB(248, 249, 228)

Conversions

Conversions Part 1

Format	Color
Hex	F8F9E4
RGB	248, 249, 228
RGB Percent	97%, 98%, 89%
CMY	0.0275, 0.0235, 0.1059
CMYK	0.00, 0.00, 0.08, 0.02
HSL	63°, 64%, 94%
HSV	63°, 8%, 98%
XYZ	86.5907, 93.3093, 86.8455
YIQ	246.3070, 6.1450, -6.7430

Conversions

Conversions Part 2

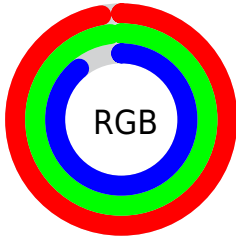
Format	Color
R _Y B	228, 249, 229
Decimal	16316900
CIE Lab	97.35, -3.88, 9.96
CIE LCh	97, 10.688, 111.295
Yxy	93.3093, 0.3246, 0.3498
Android (android.graphics.Color)	4294506980 (0xFFFF8F9E4)
YUV	246.3070, -9.0254, 1.4848
Hunter-Lab	96.5967, -9.0343, 14.3129

Details

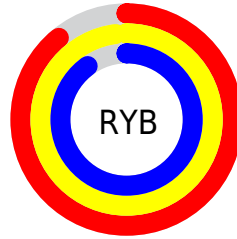
The RGB color **248, 249, 228** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **229, 228, 249**, and the grayscale version is **246, 246, 246**.

A 20% lighter version of the original color is 255, 255, 255, and **192, 193, 173** is the 20% darker color. If you saturate the color by 10%, you get **247, 249, 203**, and if you desaturate by 10%, it is **249, 249, 253**.

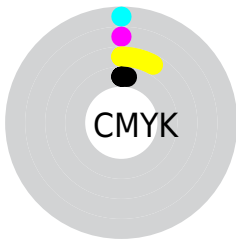
Distribution



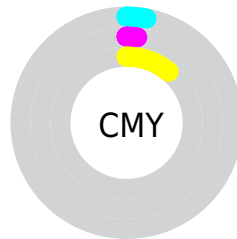
- Red (97%)
- Green (98%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (90%)



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 248, 249, 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 248, 249, 228 by changing the saturation by 10% instead.

 248, 249, 228

255, 255, 255


 248, 249, 228

 219, 220, 200

 192, 193, 173

 164, 165, 146

 138, 139, 120

 113, 114, 96

 88, 89, 72

 65, 66, 49

 42, 44, 28

 23, 23, 2

 248, 249, 228

 248, 249, 228

 247, 249, 203

 249, 249, 253

 246, 249, 178

 250, 249, 255

 244, 249, 153


 252, 249, 255

 243, 249, 128


 253, 249, 255

 242, 249, 104

 254, 249, 255

 241, 249, 79

 255, 249, 255

 240, 249, 54

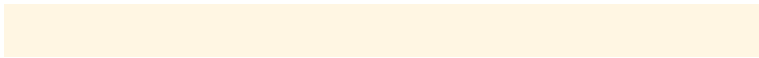
 239, 249, 29

 237, 249, 4

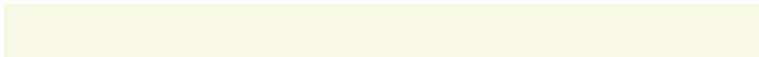
Harmonies

Analogous

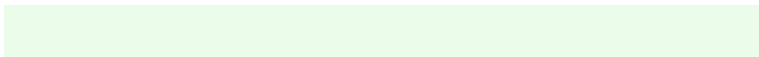
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 246, 227



248, 249, 228



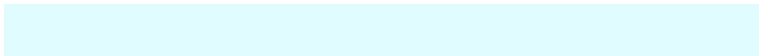
236, 252, 234

Triad

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



248, 249, 228



224, 252, 255



255, 241, 251

Complementary

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



248, 249, 228



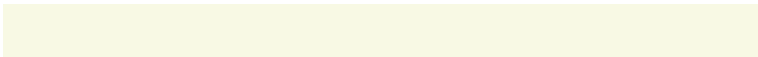
229, 228, 249

Split Complementary

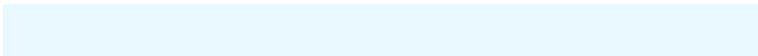
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 243, 255



248, 249, 228



233, 249, 255

Square

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



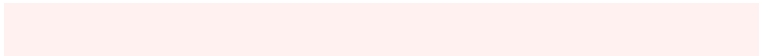
248, 249, 228



222, 254, 254



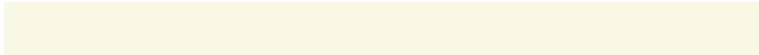
246, 246, 255



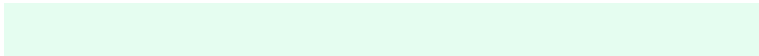
255, 241, 240

Rectangle

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



248, 249, 228



229, 253, 240



246, 246, 255



255, 241, 254

Sweetspot

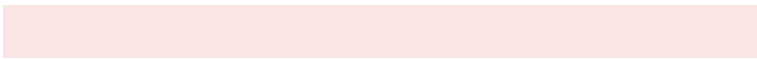
The Sweet Spot groups the original color and five complimentary colors.



248, 249, 228



255, 255, 247



249, 229, 228



127, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



248, 249, 228



254, 255, 230



238, 249, 228



124, 125, 112



180, 189, 0



58, 61, 0

Inverse Universe

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



229, 228, 249



231, 230, 255



239, 228, 249



113, 112, 125



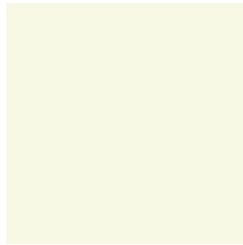
9, 0, 189



3, 0, 61

Previews

White Background



This preview shows how the RGB color 248, 249, 228 looks on a white background.

Color Contrast Check

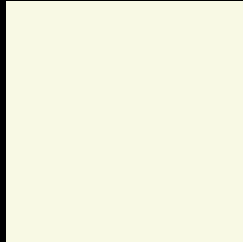
Large Text (above 18pt) WCAG AA × Fail

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 248, 249, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

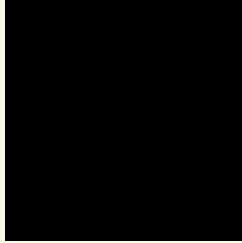
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

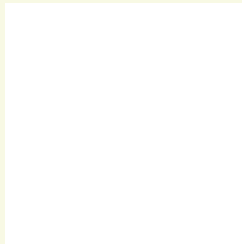
Any Text WCAG AAA ✓ Pass

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

RGB 248, 249, 228 Background



This preview shows how black text looks on a background with the RGB color 248, 249, 228.

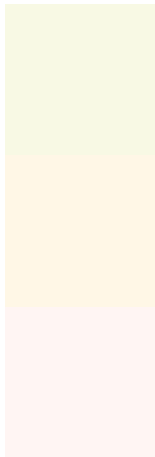


This preview shows how white text looks on a background with the RGB color 248, 249, 228.

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
248, 249, 228

Protanopia
255, 247, 230

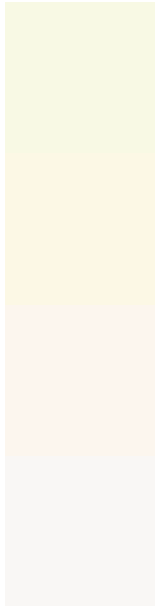
Deuteranopia
255, 245, 243



Tritanopia

250, 246, 255

Trichromacy



Original Color

248, 249, 228

Protanomaly

252, 248, 229

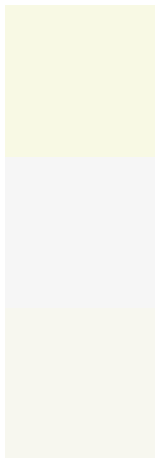
Deuteranomaly

252, 246, 238

Tritanomaly

249, 247, 245

Monochromacy



Original Color

248, 249, 228

Achromatopsia

246, 246, 246

Achromatomaly

247, 247, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 248, 249, 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(248, 249, 228) looks like.

```
.text, #text, p{  
    color:rgb(248, 249, 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(248, 249, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 249, 228) }
```

Border

The CSS property to change the border of an element to RGB 248, 249, 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(248, 249, 228) }
```

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

```
.border{ border-color:rgb(248, 249, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 249, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 249, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 249, 228);  
box-shadow:4px 4px 4px 4px rgb(248, 249,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 248, 249, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 249, 228) }
```

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

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