

Converting Colors

RGB(245, 248, 237)

Have a look what the booklet for
RGB(245, 248, 237) contains.

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Color

RGB(245, 248, 237)

Conversions

Conversions Part 1

Format	Color
Hex	F5F8ED
RGB	245, 248, 237
RGB Percent	96%, 97%, 93%
CMY	0.0392, 0.0275, 0.0706
CMYK	0.01, 0.00, 0.04, 0.03
HSL	76°, 44%, 95%
HSV	76°, 4%, 97%
XYZ	86.5097, 92.6617, 93.4467
YIQ	245.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

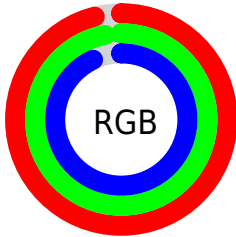
Format	Color
R _Y B	237, 248, 240
Decimal	16120045
CIE Lab	97.09, -2.90, 4.92
CIE LCh	97, 5.711, 120.517
Yxy	92.6617, 0.3173, 0.3399
Android (android.graphics.Color)	4294310125 (0xFFFF5F8ED)
YUV	245.8490, -4.3626, -0.7446
Hunter-Lab	96.2610, -8.0388, 9.8260

Details

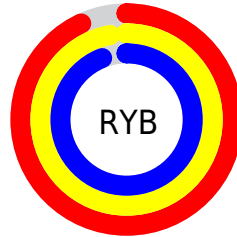
The RGB color 245, 248, 237 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 240, 237, 248, and the grayscale version is 246, 246, 246.

A 20% lighter version of the original color is 255, 255, 255, and 189, 192, 181 is the 20% darker color. If you saturate the color by 10%, you get 238, 248, 212, and if you desaturate by 10%, it is 252, 248, 255.

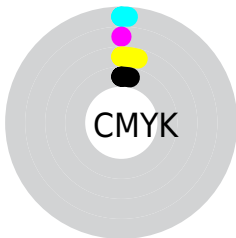
Distribution



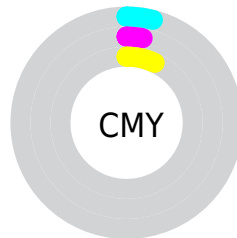
- Red (96%)
- Green (97%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (94%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 248, 237 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 245, 248, 237 by changing the saturation by 10% instead.

 245, 248, 237

255, 255, 255

 245, 248, 237

 217, 219, 209

 189, 192, 181


 162, 165, 154


 136, 138, 128

 110, 113, 103

 86, 88, 79

 63, 65, 56

 41, 43, 35

 21, 23, 13

 245, 248, 237

 245, 248, 237

 238, 248, 212


 252, 248, 255


 231, 248, 187

 255, 248, 255


 225, 248, 163

 218, 248, 138

 211, 248, 113

 204, 248, 88

 198, 248, 63

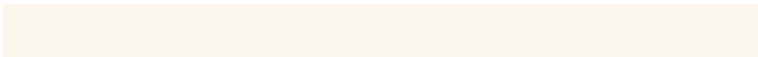
 191, 248, 39

 184, 248, 14

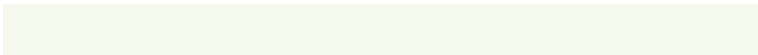
Harmonies

Analogous

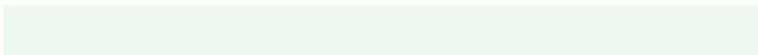
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 246, 236



245, 248, 237



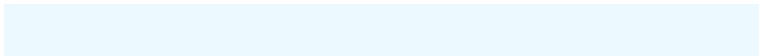
239, 249, 241

Triad

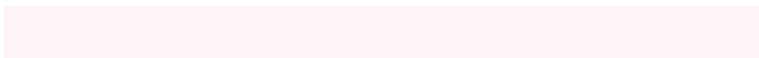
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 248, 237



236, 249, 255



255, 243, 247

Complementary

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



245, 248, 237



240, 237, 248

Split Complementary

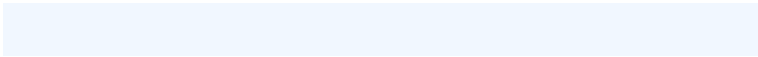
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



254, 244, 252



245, 248, 237



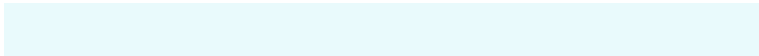
241, 247, 255

Square

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



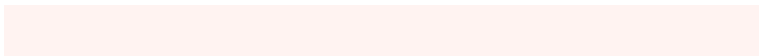
245, 248, 237



233, 250, 252



248, 245, 255



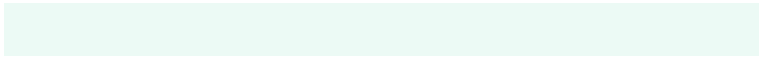
255, 243, 241

Rectangle

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



245, 248, 237



236, 250, 245



248, 245, 255



255, 243, 249

Sweetspot

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



245, 248, 237



254, 255, 252



248, 240, 237



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

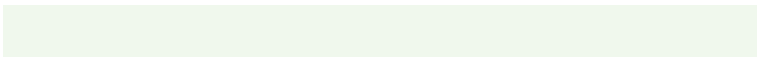
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 248, 237



252, 255, 242



240, 248, 237



123, 125, 117



137, 189, 0



45, 61, 0

Inverse Universe

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



240, 237, 248



246, 242, 255



245, 237, 248



119, 117, 125



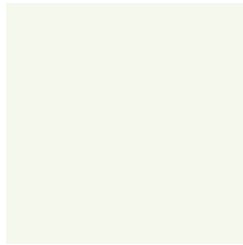
51, 0, 189



17, 0, 61

Previews

White Background



This preview shows how the RGB color 245, 248, 237 looks on a white background.

Color Contrast Check

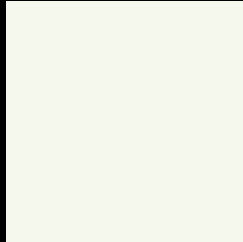
Large Text (above 18pt) WCAG AA × Fail

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 245, 248, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

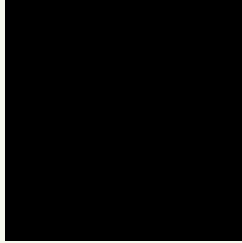
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

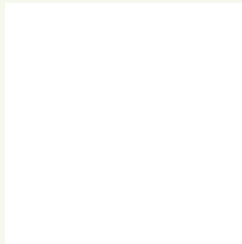
Any Text WCAG AAA ✓ Pass

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

RGB 245, 248, 237 Background



This preview shows how black text looks on a background with the RGB color 245, 248, 237.

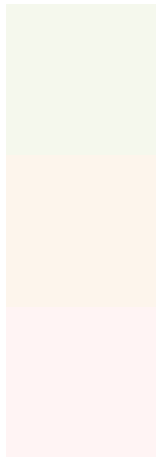


This preview shows how white text looks on a background with the RGB color 245, 248, 237.

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
245, 248, 237

Protanopia
253, 245, 236

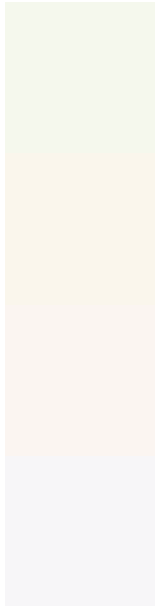
Deuteranopia
255, 244, 244



Tritanopia

248, 245, 255

Trichromacy



Original Color

245, 248, 237

Protanomaly

250, 246, 236

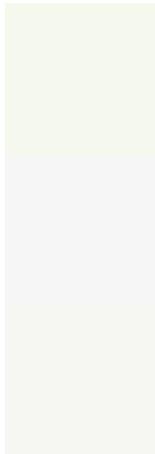
Deuteranomaly

251, 245, 241

Tritanomaly

247, 246, 248

Monochromacy



Original Color

245, 248, 237

Achromatopsia

246, 246, 246

Achromatomaly

246, 247, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 248, 237 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(245, 248, 237) looks like.

```
.text, #text, p{  
    color:rgb(245, 248, 237)  
}
```

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(245, 248, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 248, 237) }
```

Border

The CSS property to change the border of an element to RGB 245, 248, 237 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(245, 248, 237) }
```

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

```
.border{ border-color:rgb(245, 248, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 248, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 248, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 248, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 248,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 245, 248, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 248, 237) }
```

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

```
.background{ background-color: rgb(245,  
248, 237) }
```

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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