

Converting Colors

RGB(249, 255, 237)

Have a look what the booklet for
RGB(249, 255, 237) contains.

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Color

RGB(249, 255, 237)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFED
RGB	249, 255, 237
RGB Percent	98%, 100%, 93%
CMY	0.0235, 0.0000, 0.0706
CMYK	0.02, 0.00, 0.07, 0.00
HSL	80°, 100%, 96%
HSV	80°, 7%, 100%
XYZ	90.1130, 97.7742, 94.2436
YIQ	251.1540, 2.2020, -6.8700

Conversions

Conversions Part 2

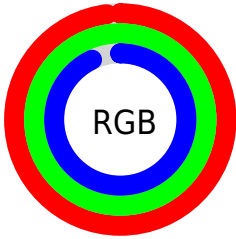
Format	Color
R_{YB}	237, 255, 243
Decimal	16383981
CIE _{Lab}	99.13, -5.07, 7.90
CIE _{LCh}	99, 9.389, 122.673
Yxy	97.7742, 0.3194, 0.3466
Android (android.graphics.Color)	4294574061 (0xFFFF9FFED)
YUV	251.1540, -6.9779, -1.8891
Hunter-Lab	98.8808, -10.3692, 12.7071

Details

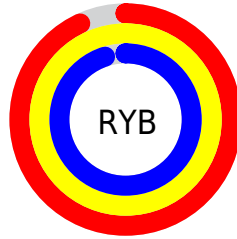
The RGB color 249, 255, 237 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 243, 237, 255, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 193, 198, 181 is the 20% darker color. If you saturate the color by 10%, you get 241, 255, 212, and if you desaturate by 10%, it is 255, 255, 255.

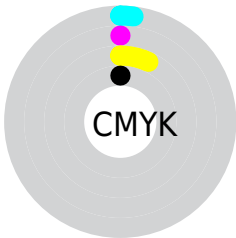
Distribution



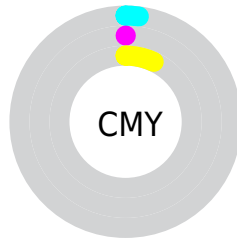
- Red (98%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 255, 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 249, 255, 237 by changing the saturation by 10% instead.

 249, 255, 237

255, 255, 255

 249, 255, 237


 220, 226, 209

 193, 198, 181


 165, 171, 154

 139, 145, 128

 114, 119, 103

 89, 94, 79


 66, 71, 56

 43, 48, 35

 23, 27, 13

 249, 255, 237

 249, 255, 237

 241, 255, 212

255, 255, 255

 232, 255, 186


 223, 255, 161

 215, 255, 135

 206, 255, 110

 198, 255, 84

 189, 255, 58

 181, 255, 33

 172, 255, 8

Harmonies

Analogous

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



255, 252, 234



249, 255, 237



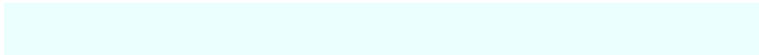
239, 255, 244

Triad

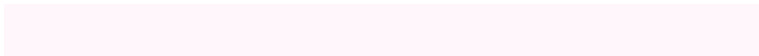
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 255, 237



235, 255, 255



255, 246, 252

Complementary

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



249, 255, 237



243, 237, 255

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, 248, 255



249, 255, 237



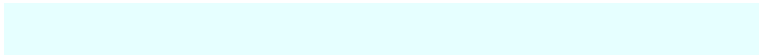
244, 253, 255

Square

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



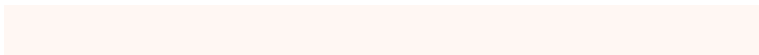
249, 255, 237



230, 255, 255



255, 250, 255



255, 247, 243

Rectangle

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



249, 255, 237



234, 255, 250



255, 250, 255



255, 247, 255

Sweetspot

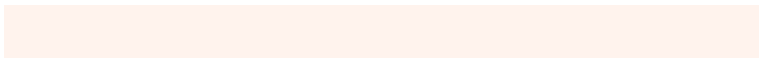
The Sweet Spot groups the original color and five complimentary colors.



249, 255, 237



253, 255, 250



255, 243, 237



127, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



249, 255, 237



248, 255, 235



240, 255, 237



123, 128, 115



127, 191, 0



42, 64, 0

Inverse Universe

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



243, 237, 255



241, 235, 255



252, 237, 255



119, 115, 128



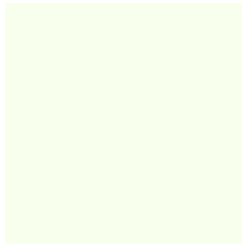
64, 0, 191



21, 0, 64

Previews

White Background



This preview shows how the RGB color 249, 255, 237 looks on a white background.

Color Contrast Check

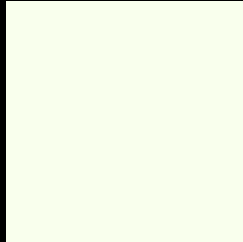
Large Text (above 18pt) WCAG AA × Fail

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 249, 255, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

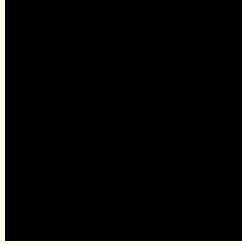
Any Text WCAG AA ✓ Pass

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 249, 255, 237 Background



This preview shows how black text looks on a background with the RGB color 249, 255, 237.

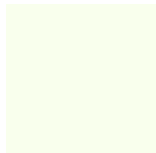


This preview shows how white text looks on a background with the RGB color 249, 255, 237.

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
249, 255, 237



Protanopia
255, 252, 247

Deuteranopia
255, 252, 251

Tritanopia

253, 252, 255

Trichromacy



Original Color

249, 255, 237

Protanomaly

253, 253, 243

Deuteranomaly

253, 253, 246

Tritanomaly

252, 253, 248

Monochromacy



Original Color

249, 255, 237

Achromatopsia

251, 251, 251

Achromatomaly

250, 252, 246

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 255, 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(249, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 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(249, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 237) }
```

Border

The CSS property to change the border of an element to RGB 249, 255, 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(249, 255, 237) }
```

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

```
.border{ border-color:rgb(249, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 249, 255, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 237) }
```

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

```
.background{ background-color: rgb(249,  
255, 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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