

Converting Colors

RGB(247, 252, 249)

Have a look what the booklet for
RGB(247, 252, 249) contains.

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Color

RGB(247, 252, 249)

Conversions

Conversions Part 1

Format	Color
Hex	F7FCF9
RGB	247, 252, 249
RGB Percent	97%, 99%, 98%
CMY	0.0314, 0.0118, 0.0235
CMYK	0.02, 0.00, 0.01, 0.01
HSL	144°, 45%, 98%
HSV	144°, 2%, 99%
XYZ	90.2671, 96.2345, 103.4401
YIQ	250.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

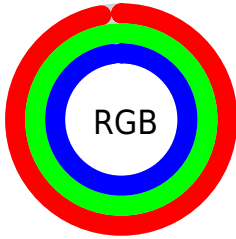
Format	Color
R _Y B	247, 251, 252
Decimal	16252153
CIE Lab	98.53, -2.17, 0.85
CIE LCh	99, 2.330, 158.674
Yxy	96.2345, 0.3113, 0.3319
Android (android.graphics.Color)	4294442233 (0xFF7FC93F)
YUV	250.1630, -0.5734, -2.7740
Hunter-Lab	98.0992, -7.4248, 6.1515

Details

The RGB color 247, 252, 249 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 252, 247, 250, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 191, 195, 193 is the 20% darker color. If you saturate the color by 10%, you get 222, 252, 234, and if you desaturate by 10%, it is 255, 252, 255.

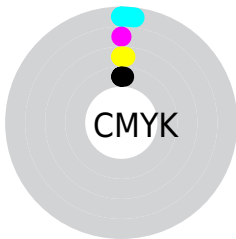
Distribution



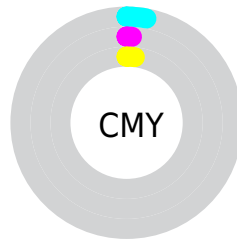
- Red (97%)
- Green (99%)
- Blue (98%)



- Red (97%)
- Yellow (98%)
- Blue (99%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 252, 249 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, 252, 249 by changing the saturation by 10% instead.

 247, 252, 249

255, 255, 255


 247, 252, 249

 219, 223, 220

 191, 195, 193

 164, 168, 165

 137, 142, 139

 112, 116, 114

 88, 92, 89

 64, 68, 66

 42, 46, 44

 22, 25, 23

 247, 252, 249

 247, 252, 249

 222, 252, 234

 255, 252, 255

 197, 252, 219

 171, 252, 204

 146, 252, 189

 121, 252, 173

 96, 252, 158

 71, 252, 143

 45, 252, 128

 20, 252, 113

Harmonies

Analogous

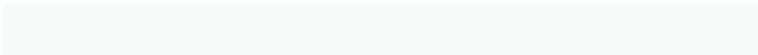
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 251, 247



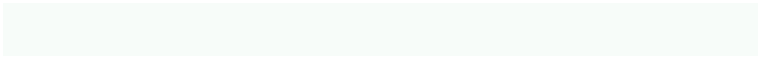
247, 252, 249



246, 252, 251

Triad

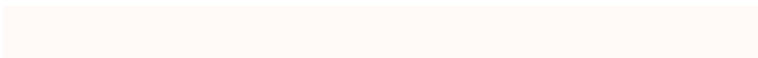
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247, 252, 249



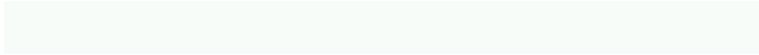
249, 251, 255



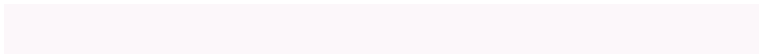
255, 249, 248

Complementary

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



247, 252, 249



252, 247, 250

Split Complementary

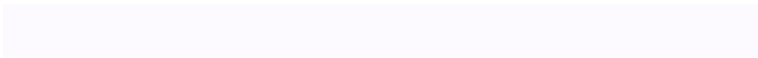
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 249, 250



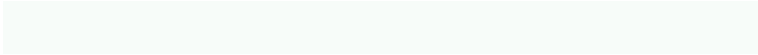
247, 252, 249



252, 250, 254

Square

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



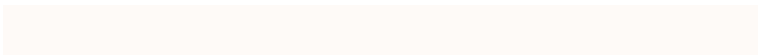
247, 252, 249



247, 251, 255



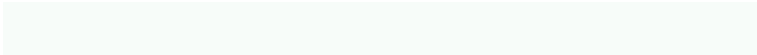
254, 249, 252



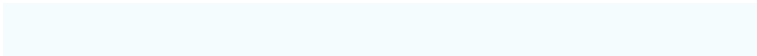
254, 250, 247

Rectangle

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



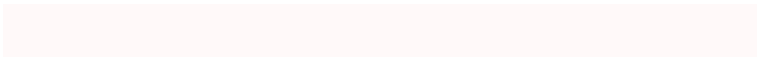
247, 252, 249



245, 252, 253



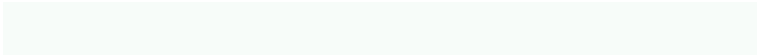
254, 249, 252



255, 249, 249

Sweetspot

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



247, 252, 249



252, 255, 253



250, 252, 247



126, 128, 127



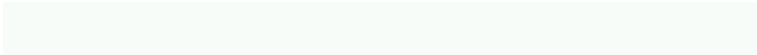
0, 0, 0



128, 128, 128

Same Dimension

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



247, 252, 249



250, 255, 252



247, 252, 251



122, 125, 123



0, 189, 75



0, 61, 24

Inverse Universe

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



252, 247, 250



255, 250, 253



252, 247, 248



125, 122, 124



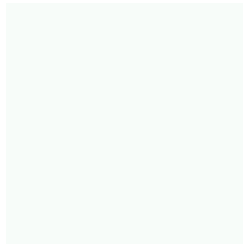
189, 0, 113



61, 0, 37

Previews

White Background



This preview shows how the RGB color 247, 252, 249 looks on a white background.

Color Contrast Check

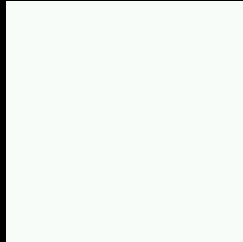
Large Text (above 18pt) WCAG AA × Fail

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, 252, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

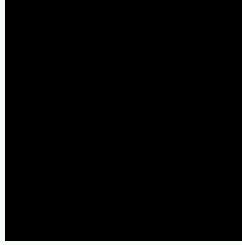
Any Text WCAG AA ✓ Pass

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, 252, 249 Background



This preview shows how black text looks on a background with the RGB color 247, 252, 249.

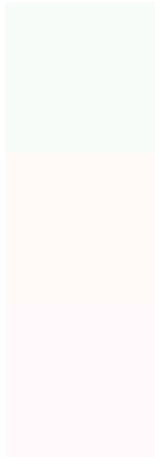


This preview shows how white text looks on a background with the RGB color 247, 252, 249.

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, 252, 249

Protanopia
255, 250, 248

Deuteranopia
255, 249, 251

Tritanopia
251, 250, 255

Trichromacy

Original Color

247, 252, 249

Protanomaly

252, 251, 248

Deuteranomaly

252, 250, 250

Tritanomaly

250, 251, 253

Monochromacy

Original Color

247, 252, 249

Achromatopsia

250, 250, 250

Achromatomaly

249, 251, 250

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 252, 249 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, 252, 249) looks like.

```
.text, #text, p{  
    color:rgb(247, 252, 249)  
}
```

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, 252, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 252, 249) }
```

Border

The CSS property to change the border of an element to RGB 247, 252, 249 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, 252, 249) }
```

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

```
.border{ border-color:rgb(247, 252, 249) }
```

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

Here you see how a box with a 4 pixel rgb(247, 252, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(247, 252,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 247, 252, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 252, 249) }
```

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

```
.background{ background-color: rgb(247,  
252, 249) }
```

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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