

Converting Colors

RGB(240, 250, 249)

Have a look what the booklet for
RGB(240, 250, 249) contains.

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Color

RGB(240, 250, 249)

Conversions

Conversions Part 1

Format	Color
Hex	F0FAF9
RGB	240, 250, 249
RGB Percent	94%, 98%, 98%
CMY	0.0588, 0.0196, 0.0235
CMYK	0.04, 0.00, 0.00, 0.02
HSL	174°, 50%, 96%
HSV	174°, 4%, 98%
XYZ	87.2197, 93.7360, 103.1184
YIQ	246.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

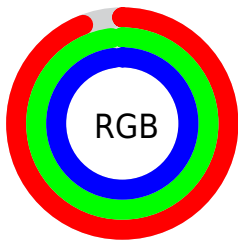
Format	Color
R _Y B	240, 245, 250
Decimal	15792889
CIE Lab	97.53, -3.45, -0.67
CIE LCh	98, 3.519, 191.018
Yxy	93.7360, 0.3070, 0.3300
Android (android.graphics.Color)	4293982969 (0xFFFF0FAF9)
YUV	246.8960, 1.0373, -6.0478
Hunter-Lab	96.8174, -8.6255, 4.6235

Details

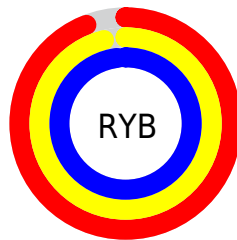
The RGB color **240, 250, 249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **250, 240, 241**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 194, 193** is the 20% darker color. If you saturate the color by 10%, you get **215, 250, 247**, and if you desaturate by 10%, it is **255, 250, 251**.

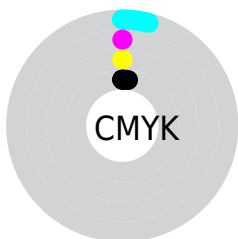
Distribution



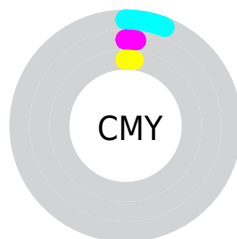
- Red (94%)
- Green (98%)
- Blue (98%)



- Red (94%)
- Yellow (96%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 250, 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 240, 250, 249 by changing the saturation by 10% instead.

 240, 250, 249


 240, 250, 249

255, 255, 255

 212, 221, 220

 184, 194, 193

 157, 166, 165

 131, 140, 139

 106, 115, 114

 82, 90, 89

 59, 67, 66

 37, 45, 44

 16, 24, 23

 240, 250, 249

 240, 250, 249

 215, 250, 247

 255, 250, 251

 190, 250, 244

 255, 250, 254

 165, 250, 242

 255, 250, 255

 140, 250, 239

 115, 250, 237

 90, 250, 234

 65, 250, 232

 40, 250, 229

 15, 250, 227

Harmonies

Analogous

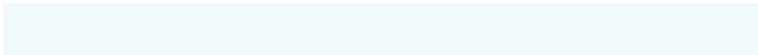
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242, 250, 246



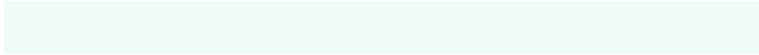
240, 250, 249



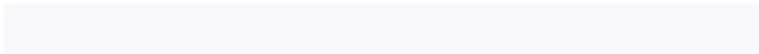
240, 250, 252

Triad

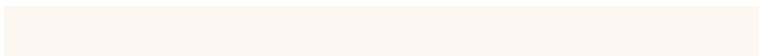
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 250, 249



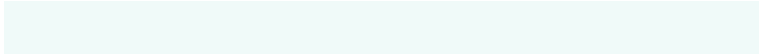
250, 247, 253



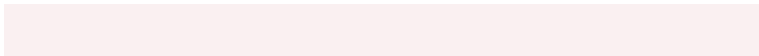
253, 247, 241

Complementary

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



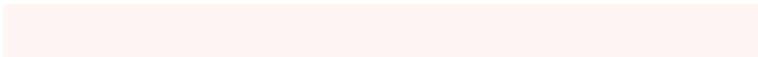
240, 250, 249



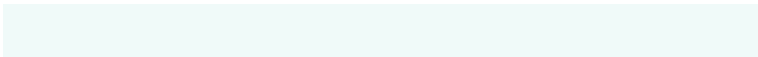
250, 240, 241

Split Complementary

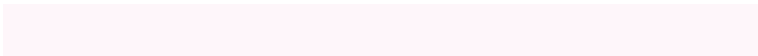
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 246, 243



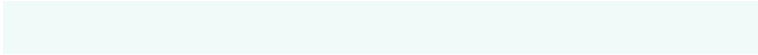
240, 250, 249



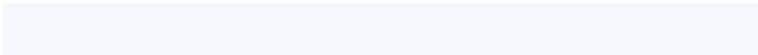
254, 246, 250

Square

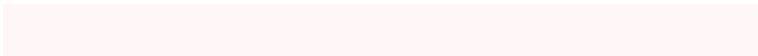
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240, 250, 249



246, 248, 254



255, 246, 247



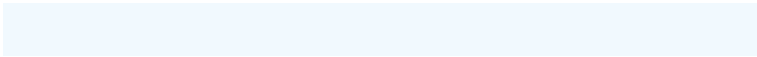
250, 248, 241

Rectangle

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



240, 250, 249



241, 249, 254



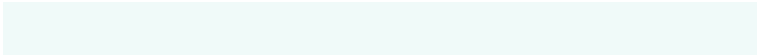
255, 246, 247



254, 247, 242

Sweetspot

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



240, 250, 249



252, 255, 255



241, 250, 240



126, 128, 127



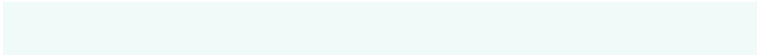
0, 0, 0



128, 128, 128

Same Dimension

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



240, 250, 249



242, 255, 254



240, 246, 250



117, 125, 124



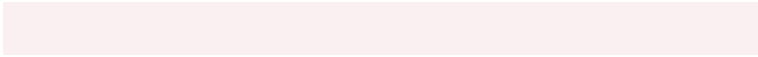
0, 189, 170



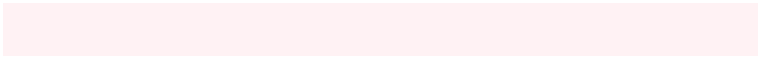
0, 61, 55

Inverse Universe

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



250, 240, 241



255, 242, 244



250, 244, 240



125, 117, 118



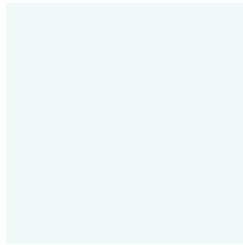
189, 0, 19



61, 0, 6

Previews

White Background



This preview shows how the RGB color 240, 250, 249 looks on a white background.

Color Contrast Check

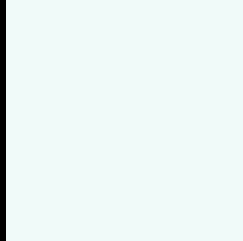
Large Text (above 18pt) WCAG AA × Fail

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 240, 250, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

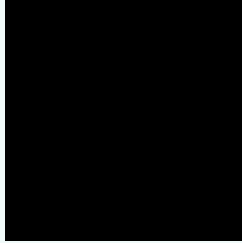
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

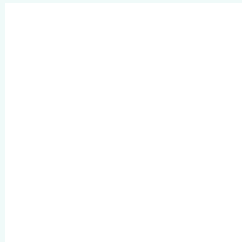
Any Text WCAG AAA ✓ Pass

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

RGB 240, 250, 249 Background



This preview shows how black text looks on a background with the RGB color 240, 250, 249.

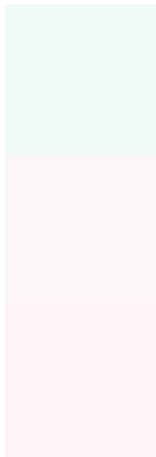


This preview shows how white text looks on a background with the RGB color 240, 250, 249.

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
240, 250, 249

Protanopia
252, 246, 247

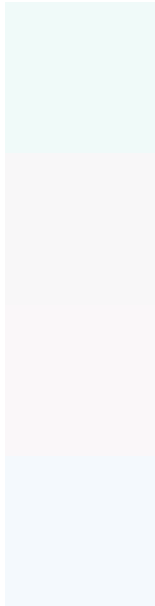
Deuteranopia
255, 245, 249



Tritanopia

246, 248, 255

Trichromacy



Original Color

240, 250, 249

Protanomaly

248, 247, 248

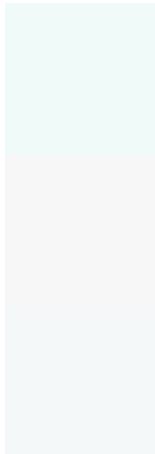
Deuteranomaly

250, 247, 249

Tritanomaly

244, 249, 253

Monochromacy



Original Color

240, 250, 249

Achromatopsia

247, 247, 247

Achromatomaly

244, 248, 248

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 250, 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(240, 250, 249) looks like.

```
.text, #text, p{  
    color:rgb(240, 250, 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(240, 250, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 250, 249) }
```

Border

The CSS property to change the border of an element to RGB 240, 250, 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(240, 250, 249) }
```

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

```
.border{ border-color:rgb(240, 250, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 250, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 250, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 250, 249);  
box-shadow:4px 4px 4px 4px rgb(240, 250,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 240, 250, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 250, 249) }
```

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

```
.background{ background-color: rgb(240,  
250, 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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