

Converting Colors

RGB(240, 255, 250)

Have a look what the booklet for
RGB(240, 255, 250) contains.

RGB(240, 255, 250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(240, 255, 250)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFFA
RGB	240, 255, 250
RGB Percent	94%, 100%, 98%
CMY	0.0588, 0.0000, 0.0196
CMYK	0.06, 0.00, 0.02, 0.00
HSL	160°, 100%, 97%
HSV	160°, 6%, 100%
XYZ	88.9505, 96.9474, 104.4670
YIQ	249.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

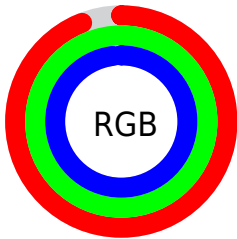
Format	Color
R_{YB}	240, 249, 255
Decimal	15794170
CIE _{Lab}	98.81, -5.79, 0.69
CIE _{LCh}	99, 5.827, 173.249
Y _{xy}	96.9474, 0.3063, 0.3339
Android (android.graphics.Color)	4293984250 (0xFFFF0FFFA)
Y _{UV}	249.9450, 0.0271, -8.7218
Hunter-Lab	98.4619, -11.0513, 6.0172

Details

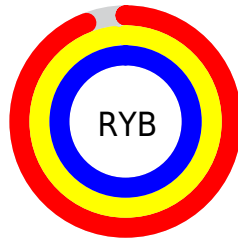
The RGB color 240, 255, 250 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 255, 240, 245, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 184, 198, 194 is the 20% darker color. If you saturate the color by 10%, you get 215, 255, 242, and if you desaturate by 10%, it is 255, 255, 255.

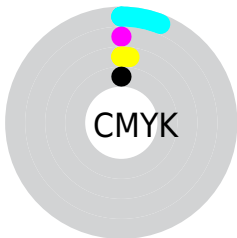
Distribution



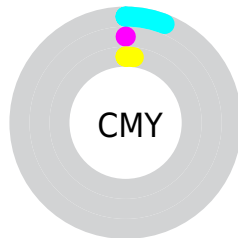
- Red (94%)
- Green (100%)
- Blue (98%)



- Red (94%)
- Yellow (98%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 255, 250 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, 255, 250 by changing the saturation by 10% instead.


 240, 255, 250


 240, 255, 250

255, 255, 255

 212, 226, 221


 184, 198, 194

 157, 171, 166

 131, 145, 140

 106, 119, 115

 82, 94, 90

 58, 71, 67

 37, 48, 45

 16, 27, 24

240, 255, 250

240, 255, 250

215, 255, 242

255, 255, 255

189, 255, 233

163, 255, 224

138, 255, 216

113, 255, 207

87, 255, 199

61, 255, 190

36, 255, 182

10, 255, 173

Harmonies

Analogous

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



245, 254, 245



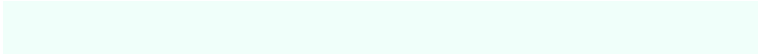
240, 255, 250



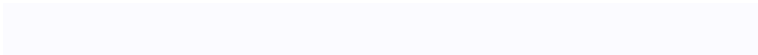
238, 255, 255

Triad

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



240, 255, 250



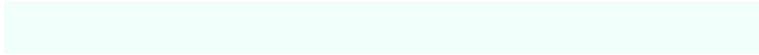
251, 251, 255



255, 249, 243

Complementary

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



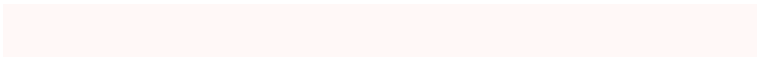
240, 255, 250



255, 240, 245

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, 247



240, 255, 250



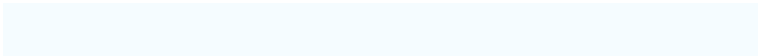
255, 249, 255

Square

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



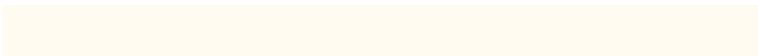
240, 255, 250



245, 252, 255



255, 248, 253



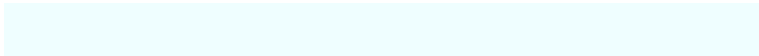
255, 251, 240

Rectangle

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



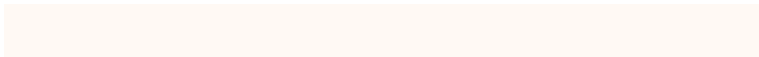
240, 255, 250



239, 254, 255



255, 248, 253



255, 249, 244

Sweetspot

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



240, 255, 250



250, 255, 253



245, 255, 240



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

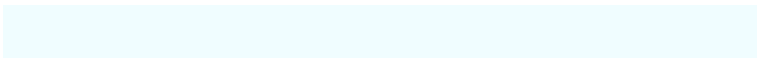
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240, 255, 250



237, 255, 249



240, 253, 255



117, 128, 124



0, 191, 127



0, 64, 42

Inverse Universe

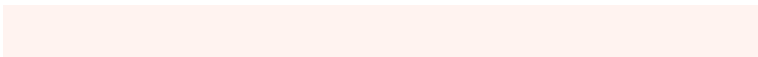
The Inverse Universe completely reimagines the original color for something new.



255, 240, 245



255, 237, 243



255, 243, 240



128, 117, 121



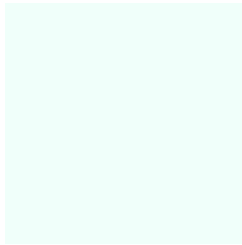
191, 0, 64



64, 0, 21

Previews

White Background



This preview shows how the RGB color 240, 255, 250 looks on a white background.

Color Contrast Check

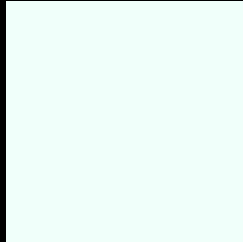
Large Text (above 18pt) WCAG AA × Fail

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, 255, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

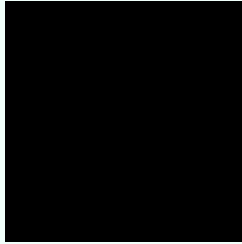
Any Text WCAG AA ✓ Pass

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, 255, 250 Background



This preview shows how black text looks on a background with the RGB color 240, 255, 250.

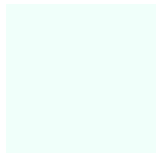


This preview shows how white text looks on a background with the RGB color 240, 255, 250.

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, 255, 250



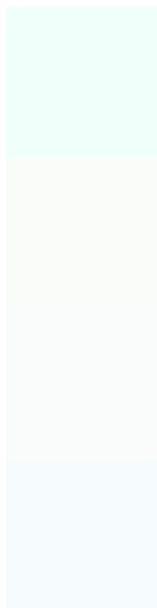
Protanopia
255, 251, 249

Deuteranopia
255, 250, 252

Tritanopia

250, 251, 255

Trichromacy



Original Color

240, 255, 250

Protanomaly

250, 252, 249

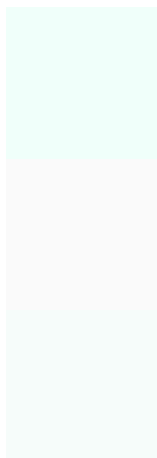
Deuteranomaly

250, 252, 251

Tritanomaly

246, 252, 253

Monochromacy



Original Color

240, 255, 250

Achromatopsia

250, 250, 250

Achromatomaly

246, 252, 250

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 255, 250 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, 255, 250) looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 250)  
}
```

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, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 250) }
```

Border

The CSS property to change the border of an element to RGB 240, 255, 250 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, 255, 250) }
```

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

```
.border{ border-color:rgb(240, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 240, 255, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 250) }
```

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

```
.background{ background-color: rgb(240,  
255, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor