

Converting Colors

RGB(233, 245, 240)

Have a look what the booklet for
RGB(233, 245, 240) contains.

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Color

RGB(233, 245, 240)

Conversions

Conversions Part 1

Format	Color
Hex	E9F5F0
RGB	233, 245, 240
RGB Percent	91%, 96%, 94%
CMY	0.0863, 0.0392, 0.0588
CMYK	0.05, 0.00, 0.02, 0.04
HSL	155°, 38%, 94%
HSV	155°, 5%, 96%
XYZ	81.9849, 88.9197, 95.2802
YIQ	240.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

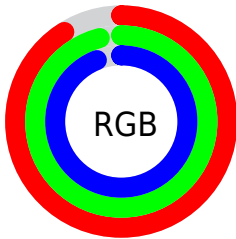
Format	Color
R _Y B	233, 241, 245
Decimal	15332848
CIE Lab	95.55, -4.85, 1.02
CIE LCh	96, 4.955, 168.073
Yxy	88.9197, 0.3080, 0.3341
Android (android.graphics.Color)	4293522928 (0xFFE9F5F0)
YUV	240.8420, -0.4151, -6.8774
Hunter-Lab	94.2973, -9.8270, 6.1000

Details

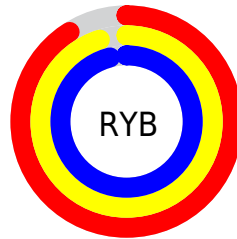
The RGB color **233, 245, 240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **245, 233, 238**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is 255, 255, 255, and **177, 189, 184** is the 20% darker color. If you saturate the color by 10%, you get **209, 245, 230**, and if you desaturate by 10%, it is 255, 245, 250.

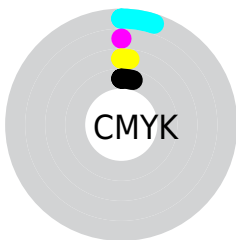
Distribution



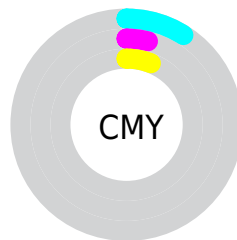
- Red (91%)
- Green (96%)
- Blue (94%)



- Red (91%)
- Yellow (95%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 245, 240 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 233, 245, 240 by changing the saturation by 10% instead.

■ 233, 245, 240

255, 255, 255

■ 233, 245, 240

■ 205, 217, 212

■ 177, 189, 184

■ 151, 162, 157

■ 125, 136, 131

■ 100, 110, 106

■ 76, 86, 82

■ 53, 63, 59

■ 32, 41, 37

■ 9, 21, 16

 233, 245, 240

 233, 245, 240

 209, 245, 230

 255, 245, 250

 184, 245, 220

 255, 245, 255

 160, 245, 209

 135, 245, 199

 110, 245, 189

 86, 245, 179

 61, 245, 169

 37, 245, 158

 12, 245, 148

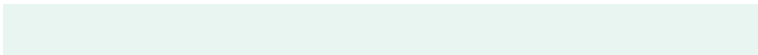
Harmonies

Analogous

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



238, 244, 236



233, 245, 240



231, 245, 245

Triad

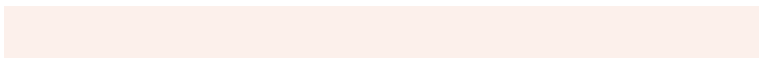
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233, 245, 240



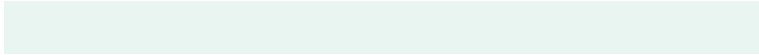
241, 242, 251



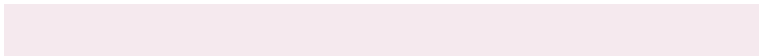
252, 240, 235

Complementary

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



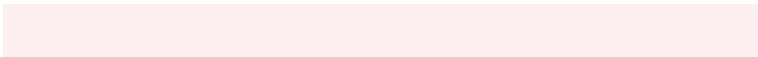
233, 245, 240



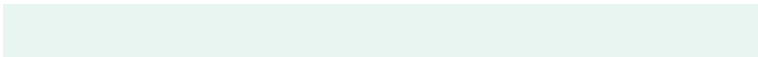
245, 233, 238

Split Complementary

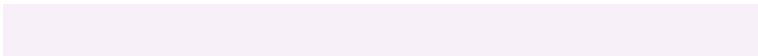
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



253, 239, 239



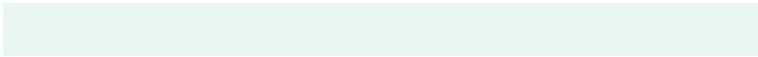
233, 245, 240



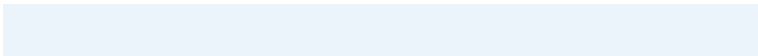
247, 240, 249

Square

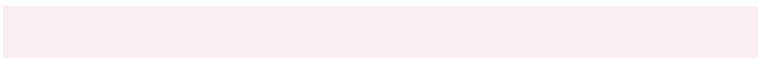
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



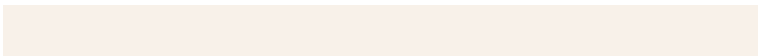
233, 245, 240



235, 243, 251



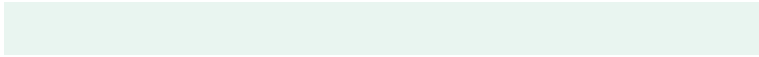
251, 239, 244



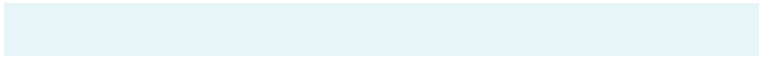
248, 241, 233

Rectangle

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



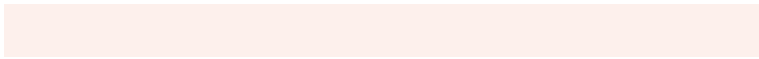
233, 245, 240



231, 245, 248



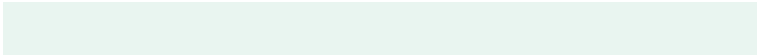
251, 239, 244



253, 240, 236

Sweetspot

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



233, 245, 240



252, 255, 254



238, 245, 233



126, 128, 127



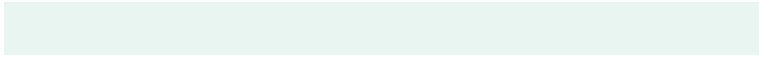
0, 0, 0



128, 128, 128

Same Dimension

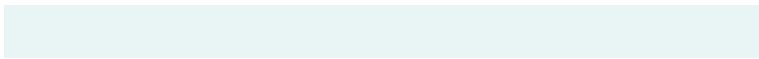
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233, 245, 240



240, 255, 249



233, 244, 245



114, 122, 119



0, 186, 109



0, 59, 34

Inverse Universe

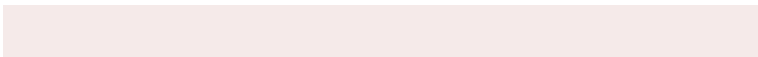
The Inverse Universe completely reimagines the original color for something new.



245, 233, 238



255, 240, 246



245, 234, 233



122, 114, 117



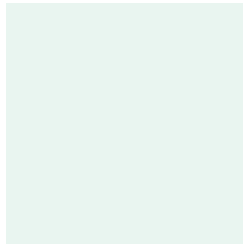
186, 0, 78



59, 0, 24

Previews

White Background



This preview shows how the RGB color 233, 245, 240 looks on a white background.

Color Contrast Check

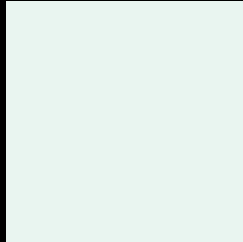
Large Text (above 18pt) WCAG AA × Fail

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 233, 245, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

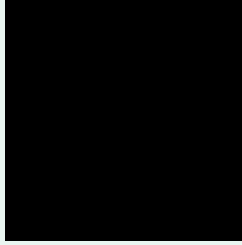
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

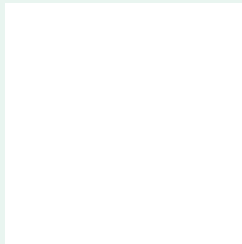
Any Text WCAG AAA ✓ Pass

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

RGB 233, 245, 240 Background



This preview shows how black text looks on a background with the RGB color 233, 245, 240.



This preview shows how white text looks on a background with the RGB color 233, 245, 240.

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

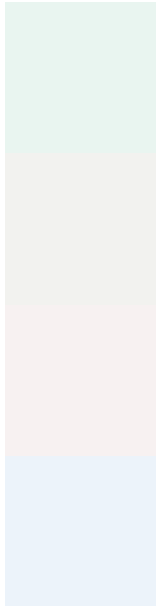




Tritanopia

238, 242, 255

Trichromacy



Original Color

233, 245, 240

Protanomaly

242, 242, 239

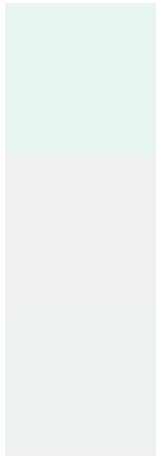
Deuteranomaly

247, 241, 241

Tritanomaly

236, 243, 250

Monochromacy



Original Color

233, 245, 240

Achromatopsia

241, 241, 241

Achromatomaly

238, 242, 241

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 245, 240 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(233, 245, 240)` looks like.

```
.text, #text, p{  
    color:rgb(233, 245, 240)  
}
```

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(233, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 245, 240) }
```

Border

The CSS property to change the border of an element to RGB 233, 245, 240 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(233, 245, 240) }
```

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

```
.border{ border-color:rgb(233, 245, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 245, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(233, 245,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 233, 245, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 245, 240) }
```

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

```
.background{ background-color: rgb(233,  
245, 240) }
```

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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