

Converting Colors

RGB(228, 245, 237)

Have a look what the booklet for
RGB(228, 245, 237) contains.

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Color

RGB(228, 245, 237)

Conversions

Conversions Part 1

Format	Color
Hex	E4F5ED
RGB	228, 245, 237
RGB Percent	89%, 96%, 93%
CMY	0.1059, 0.0392, 0.0706
CMYK	0.07, 0.00, 0.03, 0.04
HSL	152°, 46%, 93%
HSV	152°, 7%, 96%
XYZ	79.9334, 87.9132, 92.8768
YIQ	239.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

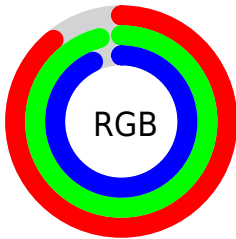
Format	Color
R _Y B	228, 239, 245
Decimal	15005165
CIE Lab	95.12, -7.03, 1.92
CIE LCh	95, 7.287, 164.741
Yxy	87.9132, 0.3066, 0.3372
Android (android.graphics.Color)	4293195245 (0xFFE4F5ED)
YUV	239.0050, -0.9885, -9.6514
Hunter-Lab	93.7621, -11.9100, 6.9032

Details

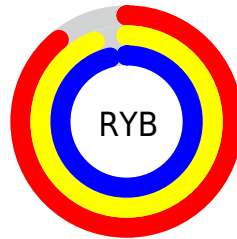
The RGB color `228, 245, 237` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `245, 228, 236`, and the grayscale version is `239, 239, 239`.

A 20% lighter version of the original color is `255, 255, 255`, and `173, 189, 181` is the 20% darker color. If you saturate the color by 10%, you get `203, 245, 225`, and if you desaturate by 10%, it is `252, 245, 249`.

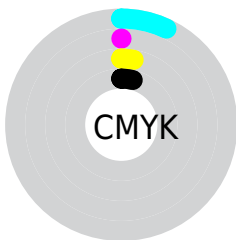
Distribution



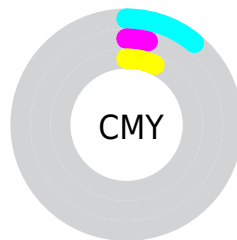
- Red (89%)
- Green (96%)
- Blue (93%)



- Red (89%)
- Yellow (94%)
- Blue (96%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 245, 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 228, 245, 237 by changing the saturation by 10% instead.

■ 228, 245, 237

255, 255, 255

■ 228, 245, 237

■ 200, 217, 209

■ 173, 189, 181

■ 146, 162, 154

■ 120, 136, 128

■ 95, 110, 103

■ 72, 86, 79

■ 49, 63, 57

■ 28, 41, 35

■ 3, 21, 13

 228, 245, 237

 228, 245, 237

 203, 245, 225

 252, 245, 249

 179, 245, 214

 255, 245, 255

 155, 245, 202

 130, 245, 191

 106, 245, 179

 81, 245, 168

 57, 245, 156

 32, 245, 145

 8, 245, 133

Harmonies

Analogous

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



235, 244, 231



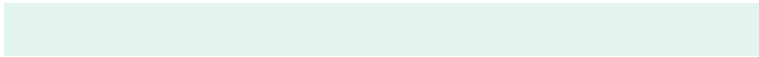
228, 245, 237



224, 245, 244

Triad

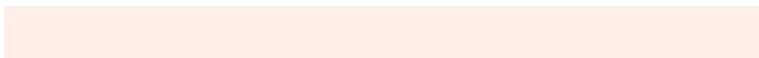
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228, 245, 237



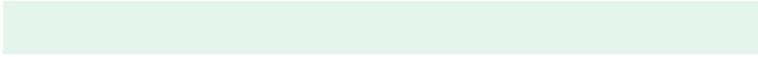
238, 240, 254



255, 237, 231

Complementary

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



228, 245, 237



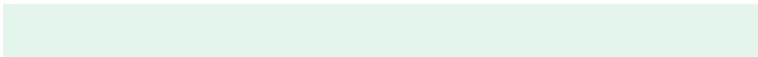
245, 228, 236

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, 236, 238



228, 245, 237



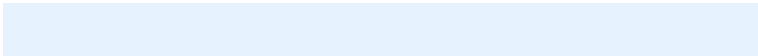
247, 238, 251

Square

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



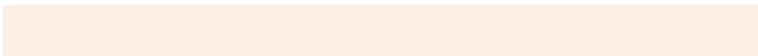
228, 245, 237



230, 243, 254



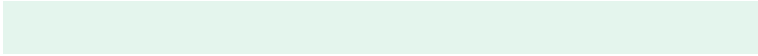
253, 237, 245



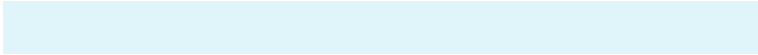
251, 239, 228

Rectangle

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



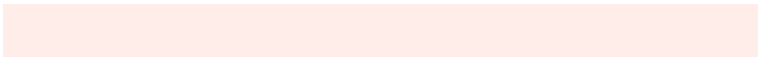
228, 245, 237



224, 245, 249



253, 237, 245



255, 237, 233

Sweetspot

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



228, 245, 237



250, 255, 253



236, 245, 228



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



228, 245, 237



235, 255, 245



228, 245, 245



110, 122, 117



0, 186, 99



0, 59, 31

Inverse Universe

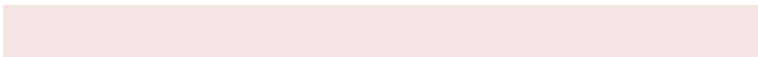
The Inverse Universe completely reimagines the original color for something new.



245, 228, 236



255, 235, 244



245, 228, 228



122, 110, 116



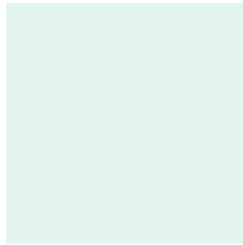
186, 0, 88



59, 0, 28

Previews

White Background



This preview shows how the RGB color 228, 245, 237 looks on a white background.

Color Contrast Check

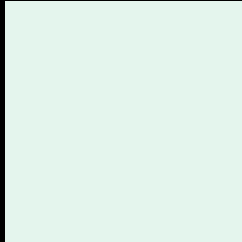
Large Text (above 18pt) WCAG AA × Fail

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 228, 245, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

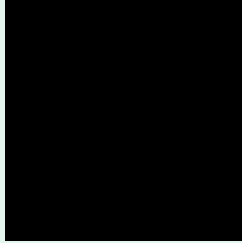
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

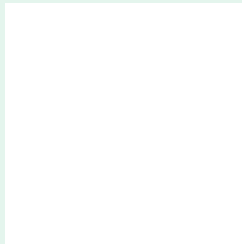
Any Text WCAG AAA ✓ Pass

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

RGB 228, 245, 237 Background



This preview shows how black text looks on a background with the RGB color 228, 245, 237.



This preview shows how white text looks on a background with the RGB color 228, 245, 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

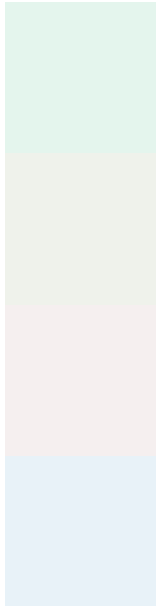




Tritanopia

234, 241, 255

Trichromacy



Original Color

228, 245, 237

Protanomaly

239, 242, 235

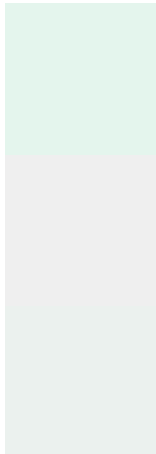
Deuteranomaly

245, 239, 239

Tritanomaly

232, 242, 248

Monochromacy



Original Color

228, 245, 237

Achromatopsia

239, 239, 239

Achromatomaly

235, 241, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 245, 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(228, 245, 237)` looks like.

```
.text, #text, p{  
    color:rgb(228, 245, 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(228, 245, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 245, 237) }
```

Border

The CSS property to change the border of an element to RGB 228, 245, 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(228, 245, 237) }
```

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

```
.border{ border-color:rgb(228, 245, 237) }
```

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

Here you see how a box with a 4 pixel rgb(228, 245, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 245, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 245, 237);  
box-shadow:4px 4px 4px 4px rgb(228, 245,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 228, 245, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 245, 237) }
```

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

```
.background{ background-color: rgb(228,  
245, 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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