

Converting Colors

RGB(228, 245, 245)

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

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Color

RGB(228, 245, 245)

Conversions

Conversions Part 1

Format	Color
Hex	E4F5F5
RGB	228, 245, 245
RGB Percent	89%, 96%, 96%
CMY	0.1059, 0.0392, 0.0392
CMYK	0.07, 0.00, 0.00, 0.04
HSL	180°, 46%, 93%
HSV	180°, 7%, 96%
XYZ	81.1287, 88.3914, 99.1715
YIQ	239.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

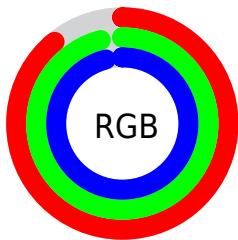
Format	Color
R _Y B	228, 237, 245
Decimal	15005173
CIE Lab	95.33, -5.56, -1.93
CIE LCh	95, 5.881, 199.131
Yxy	88.3914, 0.3019, 0.3290
Android (android.graphics.Color)	4293195253 (0xFFE4F5F5)
YUV	239.9170, 2.5059, -10.4512
Hunter-Lab	94.0167, -10.4982, 3.2709

Details

The RGB color `228, 245, 245` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `245, 228, 228`, and the grayscale version is `240, 240, 240`.

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

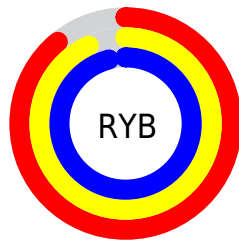
Distribution



Red (89%)

Green (96%)

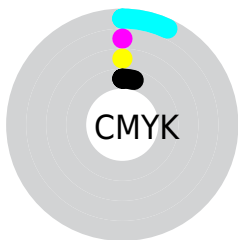
Blue (96%)



Red (89%)

Yellow (93%)

Blue (96%)

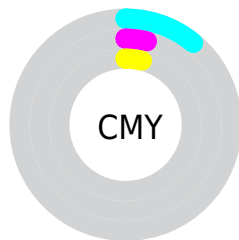


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

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


 228, 245, 245


255, 255, 255


 228, 245, 245


 200, 217, 217

 173, 189, 189


 146, 162, 162

 120, 136, 136

 95, 110, 110

 71, 86, 86

 49, 63, 63

 28, 41, 41

 3, 21, 20

 228, 245, 245

 228, 245, 245

 203, 245, 245

 252, 245, 245

 179, 245, 245

 255, 245, 245

 155, 245, 245

 130, 245, 245

 106, 245, 245

 81, 245, 245

 57, 245, 245

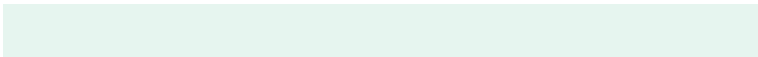
 32, 245, 245

 8, 245, 245

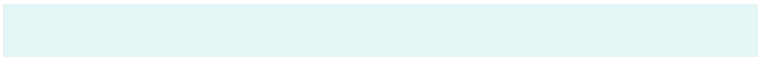
Harmonies

Analogous

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



230, 245, 239



228, 245, 245



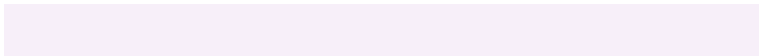
229, 244, 250

Triad

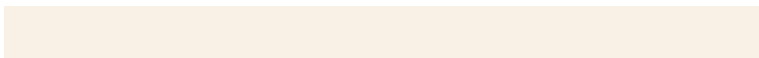
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228, 245, 245



247, 239, 249



249, 240, 230

Complementary

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



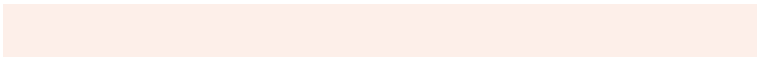
228, 245, 245



245, 228, 228

Split Complementary

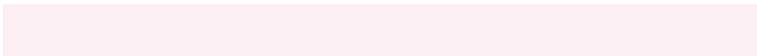
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



253, 239, 233



228, 245, 245



252, 238, 244

Square

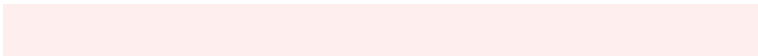
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228, 245, 245



240, 241, 252



254, 238, 238



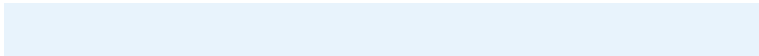
242, 242, 231

Rectangle

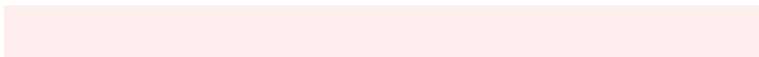
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



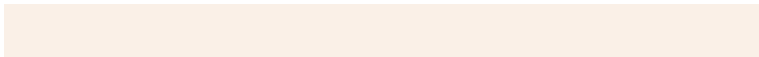
228, 245, 245



232, 243, 252



254, 238, 238



250, 240, 231

Sweetspot

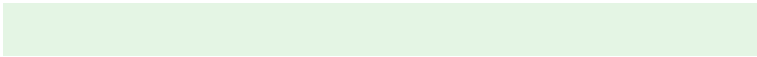
The Sweet Spot groups the original color and five complimentary colors.



228, 245, 245



250, 255, 255



228, 245, 228



125, 128, 128



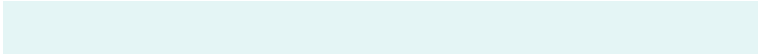
0, 0, 0



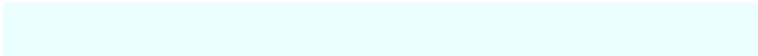
128, 128, 128

Same Dimension

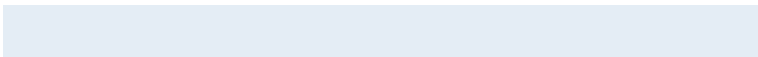
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228, 245, 245



235, 255, 255



228, 237, 245



110, 122, 122



0, 186, 186



0, 59, 59

Inverse Universe

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



245, 228, 245



255, 235, 255



245, 237, 228



122, 110, 122



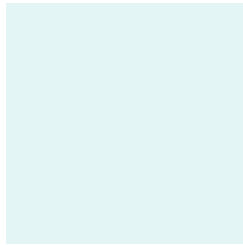
186, 0, 186



59, 0, 59

Previews

White Background



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

Color Contrast Check

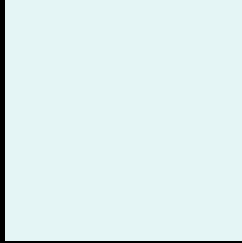
Large Text (above 18pt) WCAG AA × Fail

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, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

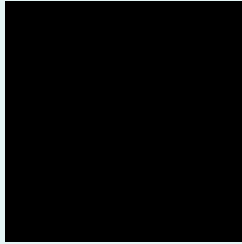
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

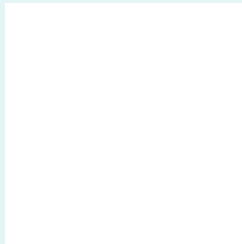
Any Text WCAG AAA ✓ Pass

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

RGB 228, 245, 245 Background



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



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

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

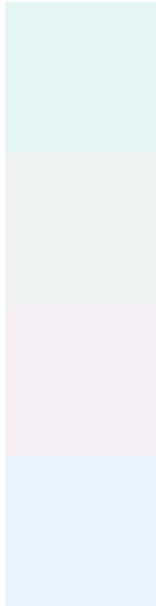




Tritanopia

234, 242, 255

Trichromacy



Original Color

228, 245, 245

Protanomaly

239, 242, 243

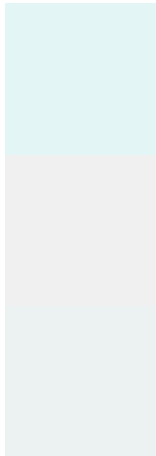
Deuteranomaly

245, 239, 245

Tritanomaly

232, 243, 251

Monochromacy



Original Color

228, 245, 245

Achromatopsia

240, 240, 240

Achromatomaly

236, 242, 242

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(228, 245, 245)  
}
```

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, 245) colored shadow looks like.

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

Border

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

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

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

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, 245) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RGB 228, 245, 245 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, 245) }
```

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

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

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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