

Converting Colors

RGB(230, 253, 245)

Have a look what the booklet for
RGB(230, 253, 245) contains.

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Color

RGB(230, 253, 245)

Conversions

Conversions Part 1

Format	Color
Hex	E6FDF5
RGB	230, 253, 245
RGB Percent	90%, 99%, 96%
CMY	0.0980, 0.0078, 0.0392
CMYK	0.09, 0.00, 0.03, 0.01
HSL	159°, 85%, 95%
HSV	159°, 9%, 99%
XYZ	84.2398, 93.6661, 100.0257
YIQ	245.2110, -11.1400, -7.3640

Conversions

Conversions Part 2

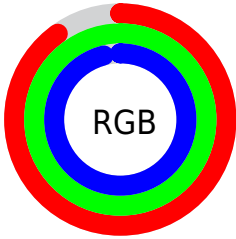
Format	Color
R_{YB}	230, 244, 253
Decimal	15138293
CIE Lab	97.50, -8.93, 1.26
CIE LCh	97, 9.019, 171.955
Yxy	93.6661, 0.3031, 0.3370
Android (android.graphics.Color)	4293328373 (0xFFE6FDF5)
YUV	245.2110, -0.1040, -13.3400
Hunter-Lab	96.7813, -13.9982, 6.4693

Details

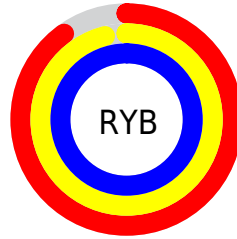
The RGB color **230, 253, 245** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **253, 230, 238**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 196, 189** is the 20% darker color. If you saturate the color by 10%, you get **205, 253, 236**, and if you desaturate by 10%, it is **255, 253, 254**.

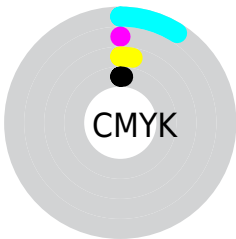
Distribution



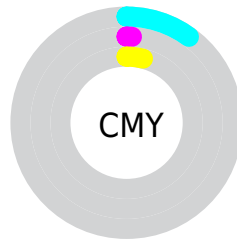
- Red (90%)
- Green (99%)
- Blue (96%)



- Red (90%)
- Yellow (96%)
- Blue (99%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)



- Cyan (10%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 253, 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 230, 253, 245 by changing the saturation by 10% instead.


 230, 253, 245

255, 255, 255


 230, 253, 245

 202, 224, 217

 174, 196, 189

 148, 169, 162

 122, 143, 136

 97, 117, 110

 73, 92, 86

 50, 69, 63

 29, 47, 41

 6, 26, 20

230, 253, 245

230, 253, 245

205, 253, 236

255, 253, 254

179, 253, 227

255, 253, 255

154, 253, 219

129, 253, 210

104, 253, 201

78, 253, 192

53, 253, 183

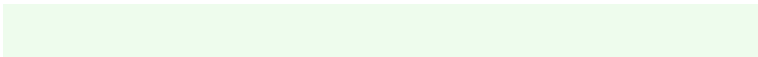
28, 253, 175

2, 253, 166

Harmonies

Analogous

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



238, 252, 237



230, 253, 245



227, 253, 254

Triad

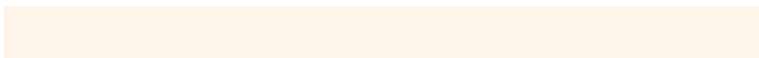
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 253, 245



247, 246, 255



255, 244, 234

Complementary

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



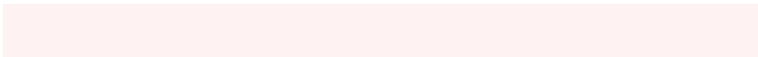
230, 253, 245



253, 230, 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.



255, 242, 242



230, 253, 245



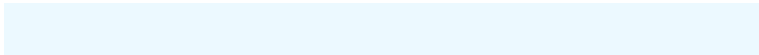
255, 244, 255

Square

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



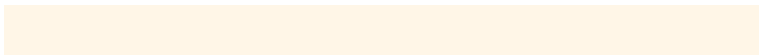
230, 253, 245



236, 249, 255



255, 242, 250



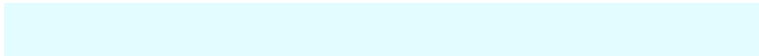
255, 246, 231

Rectangle

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



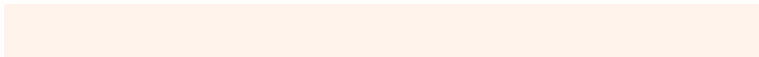
230, 253, 245



227, 252, 255



255, 242, 250



255, 243, 236

Sweetspot

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



230, 253, 245



247, 255, 252



238, 253, 230



122, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

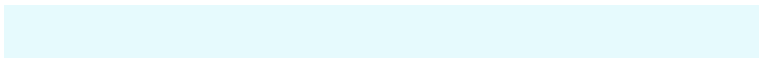
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 253, 245



227, 255, 245



230, 250, 253



115, 128, 123



0, 191, 125



0, 64, 42

Inverse Universe

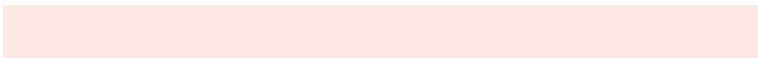
The Inverse Universe completely reimagines the original color for something new.



253, 230, 238



255, 227, 237



253, 233, 230



128, 115, 119



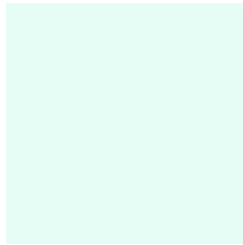
191, 0, 67



64, 0, 22

Previews

White Background



This preview shows how the RGB color 230, 253, 245 looks on a white background.

Color Contrast Check

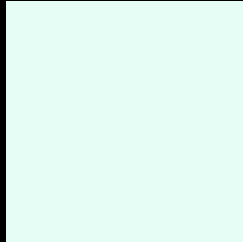
Large Text (above 18pt) WCAG AA × Fail

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 230, 253, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

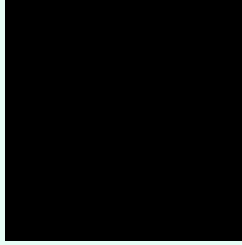
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

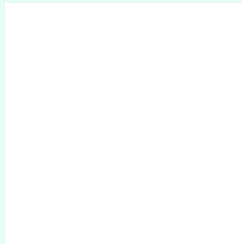
Any Text WCAG AAA ✓ Pass

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

RGB 230, 253, 245 Background



This preview shows how black text looks on a background with the RGB color 230, 253, 245.



This preview shows how white text looks on a background with the RGB color 230, 253, 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

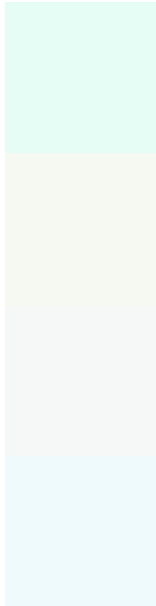
	Original Color 230, 253, 245
	Protanopia 253, 246, 241
	Deuteranopia 255, 245, 248



Tritanopia

243, 248, 255

Trichromacy



Original Color

230, 253, 245

Protanomaly

245, 249, 242

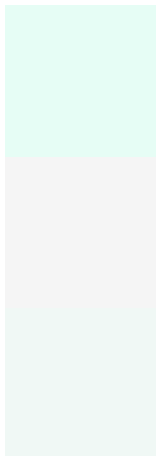
Deuteranomaly

246, 248, 247

Tritanomaly

238, 250, 251

Monochromacy



Original Color

230, 253, 245

Achromatopsia

245, 245, 245

Achromatomaly

240, 248, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 253, 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(230, 253, 245)` looks like.

```
.text, #text, p{  
    color:rgb(230, 253, 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(230, 253, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 253, 245) }
```

Border

The CSS property to change the border of an element to RGB 230, 253, 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(230, 253, 245) }
```

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

```
.border{ border-color:rgb(230, 253, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 253, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 253, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 253, 245);  
box-shadow:4px 4px 4px 4px rgb(230, 253,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 230, 253, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 253, 245) }
```

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

```
.background{ background-color: rgb(230,  
253, 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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