

Converting Colors

RGB(230, 255, 246)

Have a look what the booklet for
RGB(230, 255, 246) contains.

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Color

RGB(230, 255, 246)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFF6
RGB	230, 255, 246
RGB Percent	90%, 100%, 96%
CMY	0.0980, 0.0000, 0.0353
CMYK	0.10, 0.00, 0.04, 0.00
HSL	158°, 100%, 95%
HSV	158°, 10%, 100%
XYZ	85.0277, 94.9968, 101.0436
YIQ	246.4990, -12.0110, -8.0990

Conversions

Conversions Part 2

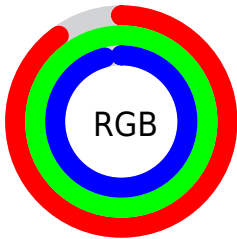
Format	Color
R _Y B	230, 245, 255
Decimal	15138806
CIE Lab	98.03, -9.74, 1.53
CIE LCh	98, 9.863, 171.092
Yxy	94.9968, 0.3025, 0.3380
Android (android.graphics.Color)	4293328886 (0xFFE6FFF6)
YUV	246.4990, -0.2460, -14.4696
Hunter-Lab	97.4663, -14.8462, 6.7603

Details

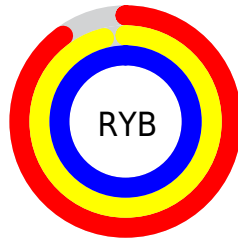
The RGB color **230, 255, 246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 230, 239**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 198, 190** is the 20% darker color. If you saturate the color by 10%, you get **205, 255, 237**, and if you desaturate by 10%, it is **255, 255, 255**.

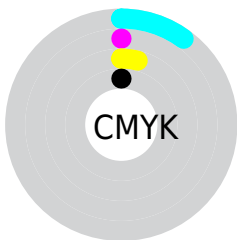
Distribution



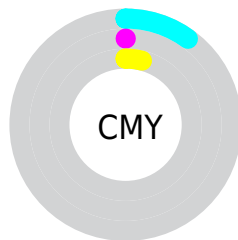
- Red (90%)
- Green (100%)
- Blue (96%)



- Red (90%)
- Yellow (96%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 255, 246 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, 255, 246 by changing the saturation by 10% instead.

 230, 255, 246


 230, 255, 246

255, 255, 255

 202, 226, 218

 174, 198, 190

 148, 171, 163

 122, 144, 136

 97, 119, 111

 73, 94, 87

 50, 70, 64

 28, 48, 42

 6, 27, 21

230, 255, 246

230, 255, 246

205, 255, 237

255, 255, 255

179, 255, 228

154, 255, 218

128, 255, 209

103, 255, 200

77, 255, 191

52, 255, 182

26, 255, 173

1, 255, 163

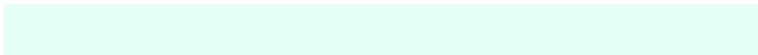
Harmonies

Analogous

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



239, 253, 237



230, 255, 246



226, 255, 255

Triad

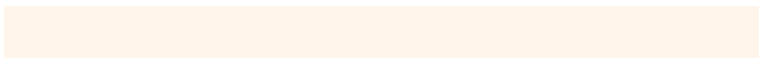
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 255, 246



248, 248, 255



255, 245, 235

Complementary

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



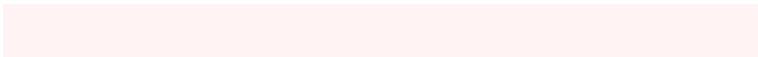
230, 255, 246



255, 230, 239

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, 243, 243



230, 255, 246



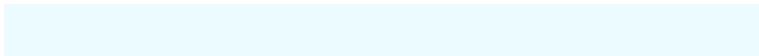
255, 245, 255

Square

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



230, 255, 246



236, 251, 255



255, 243, 253



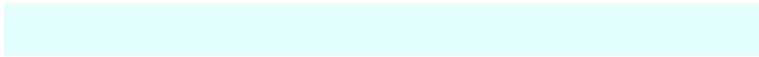
255, 248, 231

Rectangle

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



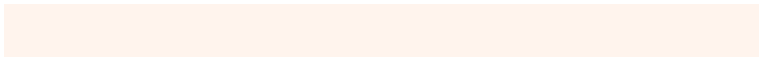
230, 255, 246



227, 254, 255



255, 243, 253



255, 244, 237

Sweetspot

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



230, 255, 246



247, 255, 252



239, 255, 230



122, 128, 126



0, 0, 0



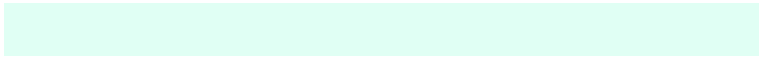
128, 128, 128

Same Dimension

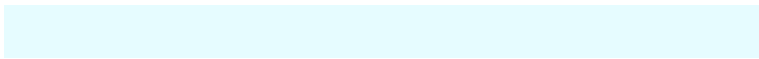
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 255, 246



224, 255, 244



230, 252, 255



115, 128, 123



0, 191, 122



0, 64, 41

Inverse Universe

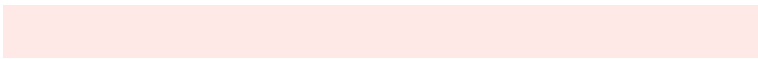
The Inverse Universe completely reimagines the original color for something new.



255, 230, 239



255, 224, 235



255, 233, 230



128, 115, 119



191, 0, 69



64, 0, 23

Previews

White Background



This preview shows how the RGB color 230, 255, 246 looks on a white background.

Color Contrast Check

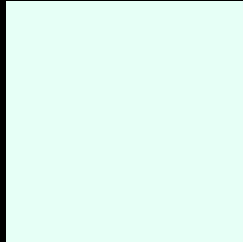
Large Text (above 18pt) WCAG AA × Fail

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, 255, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

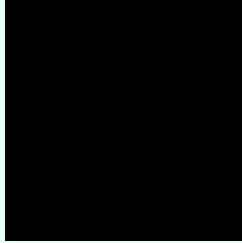
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

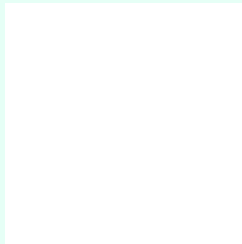
Any Text WCAG AAA ✓ Pass

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

RGB 230, 255, 246 Background



This preview shows how black text looks on a background with the RGB color 230, 255, 246.

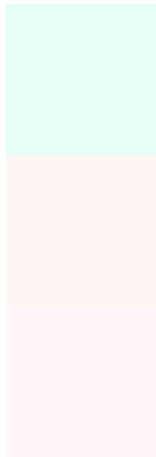


This preview shows how white text looks on a background with the RGB color 230, 255, 246.

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, 255, 246

Protanopia
255, 248, 242

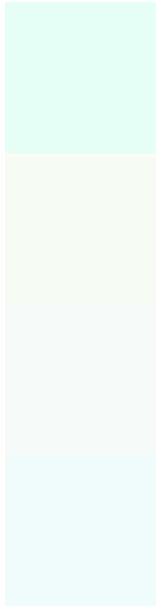
Deuteranopia
255, 247, 249



Tritanopia

245, 250, 255

Trichromacy



Original Color

230, 255, 246

Protanomaly

246, 251, 243

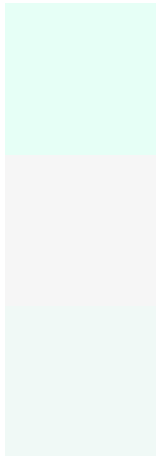
Deuteranomaly

246, 250, 248

Tritanomaly

240, 252, 252

Monochromacy



Original Color

230, 255, 246

Achromatopsia

246, 246, 246

Achromatomaly

240, 249, 246

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 255, 246 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, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 246)  
}
```

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, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 246) }
```

Border

The CSS property to change the border of an element to RGB 230, 255, 246 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, 255, 246) }
```

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

```
.border{ border-color:rgb(230, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 230, 255, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 246) }
```

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

```
.background{ background-color: rgb(230,  
255, 246) }
```

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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