

Converting Colors

RGB(227, 252, 246)

Have a look what the booklet for
RGB(227, 252, 246) contains.

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Color

RGB(227, 252, 246)

Conversions

Conversions Part 1

Format	Color
Hex	E3FCF6
RGB	227, 252, 246
RGB Percent	89%, 99%, 96%
CMY	0.1098, 0.0118, 0.0353
CMYK	0.10, 0.00, 0.02, 0.01
HSL	166°, 81%, 94%
HSV	166°, 10%, 99%
XYZ	83.1235, 92.6055, 100.6824
YIQ	243.8410, -12.9740, -7.1660

Conversions

Conversions Part 2

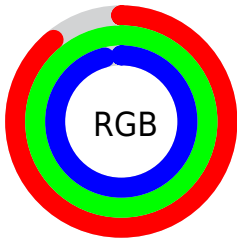
Format	Color
R_{YB}	227, 241, 252
Decimal	14941430
CIE _{Lab}	97.07, -9.21, 0.10
CIE _{LCh}	97, 9.208, 179.401
Yxy	92.6055, 0.3007, 0.3350
Android (android.graphics.Color)	4293131510 (0xFFE3FCF6)
YUV	243.8410, 1.0644, -14.7696
Hunter-Lab	96.2318, -14.2200, 5.3301

Details

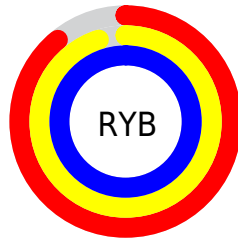
The RGB color **227, 252, 246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **252, 227, 233**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 195, 190** is the 20% darker color. If you saturate the color by 10%, you get **202, 252, 240**, and if you desaturate by 10%, it is **252, 252, 252**.

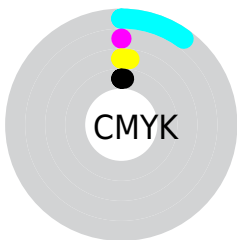
Distribution



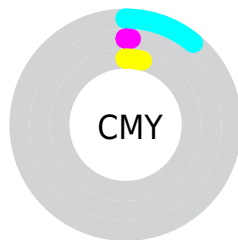
- Red (89%)
- Green (99%)
- Blue (96%)



- Red (89%)
- Yellow (95%)
- Blue (99%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (11%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 252, 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 227, 252, 246 by changing the saturation by 10% instead.

227, 252, 246

227, 252, 246

255, 255, 255

199, 223, 218

172, 195, 190

145, 168, 163

119, 142, 136

94, 116, 111

70, 92, 87

47, 68, 64

26, 46, 42

2, 25, 21

 227, 252, 246

 227, 252, 246

 202, 252, 240

 252, 252, 252

 177, 252, 234

 255, 252, 255

 151, 252, 228

 126, 252, 222

 101, 252, 216

 76, 252, 210

 51, 252, 204

 25, 252, 198

 0, 252, 192

Harmonies

Analogous

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



234, 251, 237



227, 252, 246



225, 252, 255

Triad

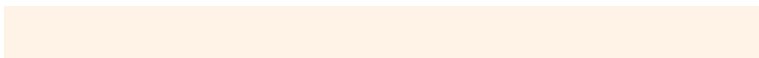
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227, 252, 246



248, 244, 255



255, 243, 231

Complementary

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



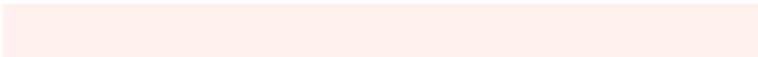
227, 252, 246



252, 227, 233

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, 241, 238



227, 252, 246



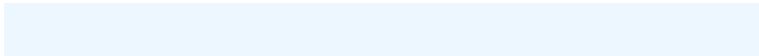
255, 242, 255

Square

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



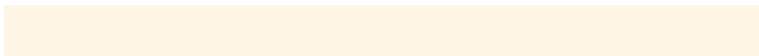
227, 252, 246



237, 247, 255



255, 241, 247



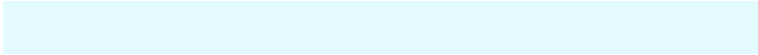
255, 246, 229

Rectangle

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



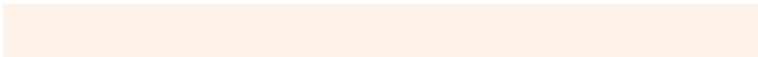
227, 252, 246



227, 251, 255



255, 241, 247



255, 242, 233

Sweetspot

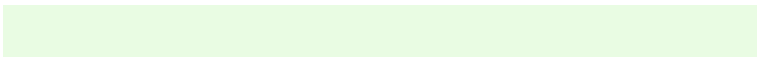
The Sweet Spot groups the original color and five complimentary colors.



227, 252, 246



247, 255, 253



233, 252, 227



122, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

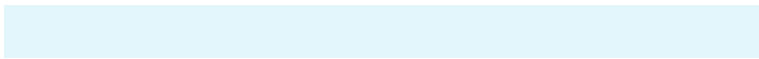
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227, 252, 246



224, 255, 248



227, 246, 252



112, 125, 122



0, 189, 143



0, 61, 47

Inverse Universe

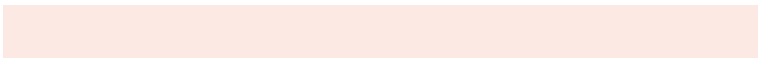
The Inverse Universe completely reimagines the original color for something new.



252, 227, 233



255, 224, 232



252, 233, 227



125, 112, 115



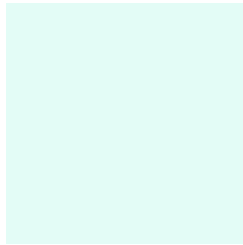
189, 0, 45



61, 0, 15

Previews

White Background



This preview shows how the RGB color 227, 252, 246 looks on a white background.

Color Contrast Check

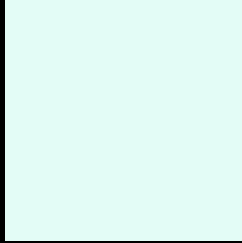
Large Text (above 18pt) WCAG AA × Fail

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 227, 252, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

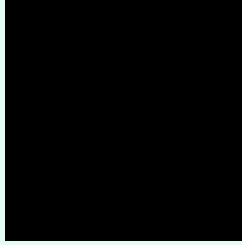
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

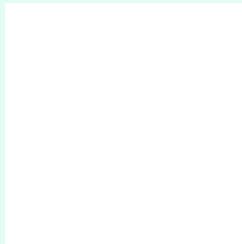
Any Text WCAG AAA ✓ Pass

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

RGB 227, 252, 246 Background



This preview shows how black text looks on a background with the RGB color 227, 252, 246.

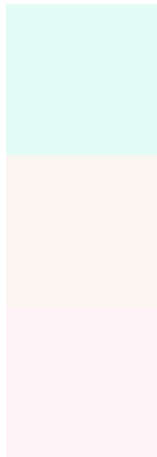


This preview shows how white text looks on a background with the RGB color 227, 252, 246.

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
227, 252, 246

Protanopia
251, 245, 242

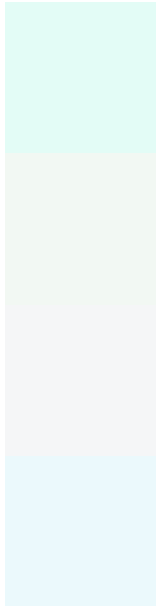
Deuteranopia
255, 243, 247



Tritanopia

240, 247, 255

Trichromacy



Original Color

227, 252, 246

Protanomaly

242, 248, 243

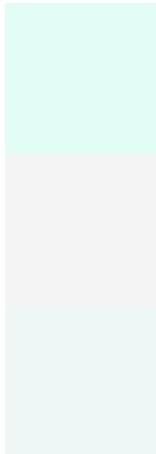
Deuteranomaly

245, 246, 247

Tritanomaly

235, 249, 252

Monochromacy



Original Color

227, 252, 246

Achromatopsia

244, 244, 244

Achromatomaly

238, 247, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 252, 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(227, 252, 246)` looks like.

```
.text, #text, p{  
    color:rgb(227, 252, 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(227, 252, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 252, 246) }
```

Border

The CSS property to change the border of an element to RGB 227, 252, 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(227, 252, 246) }
```

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

```
.border{ border-color:rgb(227, 252, 246) }
```

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

Here you see how a box with a 4 pixel rgb(227, 252, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 252, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 252, 246);  
box-shadow:4px 4px 4px 4px rgb(227, 252,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 227, 252, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 252, 246) }
```

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

```
.background{ background-color: rgb(227,  
252, 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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