

Converting Colors

RGB(231, 255, 254)

Have a look what the booklet for
RGB(231, 255, 254) contains.

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Color

RGB(231, 255, 254)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFFE
RGB	231, 255, 254
RGB Percent	91%, 100%, 100%
CMY	0.0941, 0.0000, 0.0039
CMYK	0.09, 0.00, 0.00, 0.00
HSL	178°, 100%, 95%
HSV	178°, 9%, 100%
XYZ	86.6044, 95.6647, 107.6665
YIQ	247.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

Format	Color
R _Y B	231, 243, 255
Decimal	15204350
CIE Lab	98.30, -7.93, -2.19
CIE LCh	98, 8.229, 195.402
Yxy	95.6647, 0.2987, 0.3300
Android (android.graphics.Color)	4293394430 (0xFFE7FFFE)
YUV	247.7100, 3.1010, -14.6547
Hunter-Lab	97.8083, -13.1117, 3.1999

Details

The RGB color `231, 255, 254` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `255, 231, 232`, and the grayscale version is `248, 248, 248`.

A 20% lighter version of the original color is `255, 255, 255`, and `175, 198, 197` is the 20% darker color. If you saturate the color by 10%, you get `206, 255, 253`, and if you desaturate by 10%, it is `255, 255, 255`.

Distribution



- Red (91%)
- Green (100%)
- Blue (100%)



- Red (91%)
- Yellow (95%)
- Blue (100%)



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




- Cyan (9%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 255, 254 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 231, 255, 254 by changing the saturation by 10% instead.

 231, 255, 254

 231, 255, 254


255, 255, 255


 203, 226, 225


 175, 198, 197

 149, 171, 170

 123, 144, 144

 98, 119, 118

 73, 94, 93

 51, 70, 70

 29, 48, 48

 7, 27, 27

 231, 255, 254

 231, 255, 254

 206, 255, 253

255, 255, 255

 180, 255, 252

 155, 255, 251

 129, 255, 250

 104, 255, 249

 78, 255, 248

 53, 255, 247

 27, 255, 246

 2, 255, 244

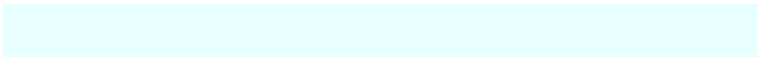
Harmonies

Analogous

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



235, 255, 246



231, 255, 254



232, 254, 255

Triad

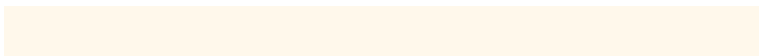
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231, 255, 254



255, 247, 255



255, 248, 235

Complementary

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



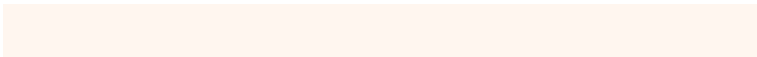
231, 255, 254



255, 231, 232

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, 246, 239



231, 255, 254



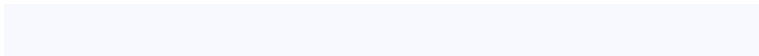
255, 245, 254

Square

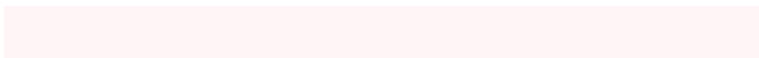
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



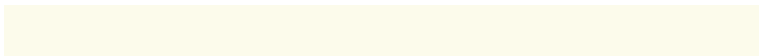
231, 255, 254



247, 249, 255



255, 245, 246



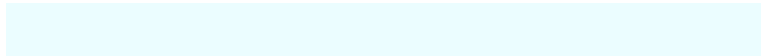
252, 251, 235

Rectangle

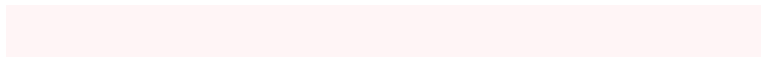
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



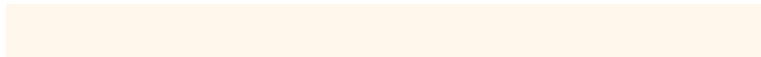
231, 255, 254



235, 253, 255



255, 245, 246



255, 247, 236

Sweetspot

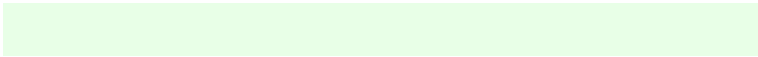
The Sweet Spot groups the original color and five complimentary colors.



231, 255, 254



247, 255, 255



232, 255, 231



122, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

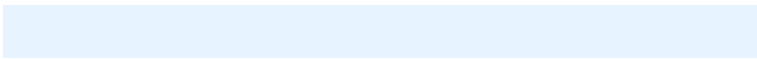
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231, 255, 254



227, 255, 254



231, 244, 255



115, 128, 127



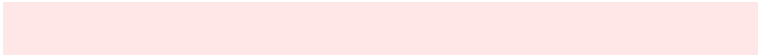
0, 191, 183



0, 64, 61

Inverse Universe

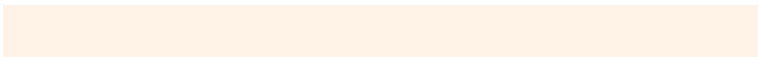
The Inverse Universe completely reimagines the original color for something new.



255, 231, 232



255, 227, 228



255, 242, 231



128, 115, 115



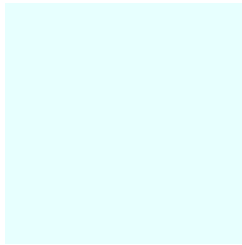
191, 0, 8



64, 0, 3

Previews

White Background



This preview shows how the RGB color 231, 255, 254 looks on a white background.

Color Contrast Check

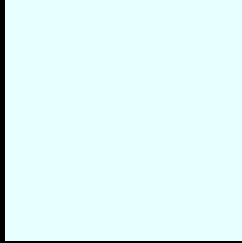
Large Text (above 18pt) WCAG AA × Fail

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 231, 255, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

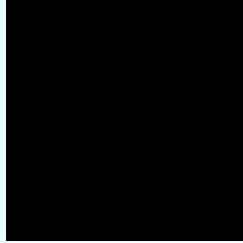
Any Text WCAG AA ✓ Pass

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 231, 255, 254 Background



This preview shows how black text looks on a background with the RGB color 231, 255, 254.



This preview shows how white text looks on a background with the RGB color 231, 255, 254.

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
231, 255, 254



Protanopia
254, 249, 250

Deuteranopia
255, 248, 251



Tritanopia

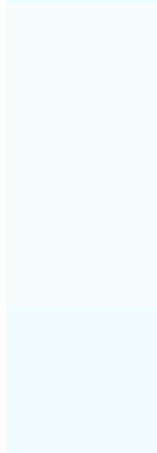
246, 250, 255

Trichromacy



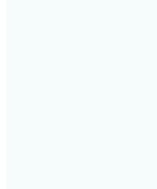
Original Color

231, 255, 254



Protanomaly

246, 251, 251



Deuteranomaly

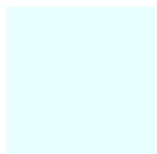
246, 251, 252



Tritanomaly

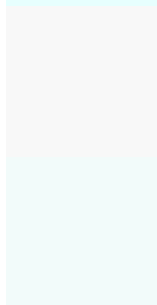
241, 252, 255

Monochromacy



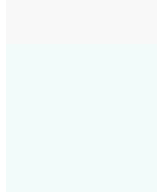
Original Color

231, 255, 254



Achromatopsia

248, 248, 248



Achromatomaly

242, 251, 250

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 255, 254 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(231, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 254)  
}
```

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(231, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 254) }
```

Border

The CSS property to change the border of an element to RGB 231, 255, 254 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(231, 255, 254) }
```

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

```
.border{ border-color:rgb(231, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 231, 255, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 254) }
```

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

```
.background{ background-color: rgb(231,  
255, 254) }
```

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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