

Converting Colors

RGB(231, 247, 247)

Have a look what the booklet for
RGB(231, 247, 247) contains.

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Color

RGB(231, 247, 247)

Conversions

Conversions Part 1

Format	Color
Hex	E7F7F7
RGB	231, 247, 247
RGB Percent	91%, 97%, 97%
CMY	0.0941, 0.0314, 0.0314
CMYK	0.06, 0.00, 0.00, 0.03
HSL	180°, 50%, 94%
HSV	180°, 6%, 97%
XYZ	83.0043, 90.2259, 101.0362
YIQ	242.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

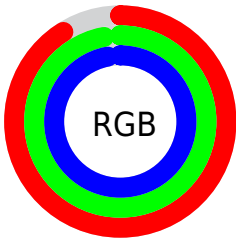
Format	Color
R _{YB}	231, 239, 247
Decimal	15202295
CIE _{Lab}	96.09, -5.23, -1.82
CIE _{LCh}	96, 5.532, 199.163
Y _{xy}	90.2259, 0.3026, 0.3290
Android (android.graphics.Color)	4293392375 (0xFFE7F7F7)
Y _{UV}	242.2160, 2.3585, -9.8364
Hunter-Lab	94.9873, -10.2462, 3.4254

Details

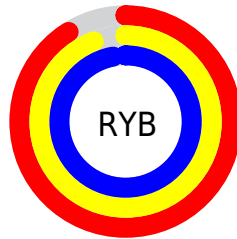
The RGB color **231, 247, 247** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **247, 231, 231**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 191, 191** is the 20% darker color. If you saturate the color by 10%, you get **206, 247, 247**, and if you desaturate by 10%, it is 255, 247, 247.

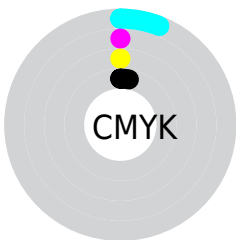
Distribution



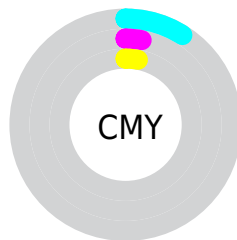
- Red (91%)
- Green (97%)
- Blue (97%)



- Red (91%)
- Yellow (94%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 247, 247 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, 247, 247 by changing the saturation by 10% instead.


 231, 247, 247

 231, 247, 247


255, 255, 255

 203, 219, 219


 175, 191, 191


 149, 164, 164

 123, 137, 137

 98, 112, 112

 74, 88, 88

 51, 64, 64

 30, 42, 42

 7, 22, 22

231, 247, 247

231, 247, 247

206, 247, 247

255, 247, 247

182, 247, 247

157, 247, 247

132, 247, 247

108, 247, 247

83, 247, 247

58, 247, 247

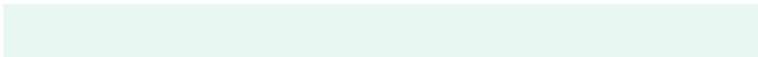
33, 247, 247

9, 247, 247

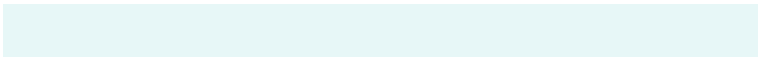
Harmonies

Analogous

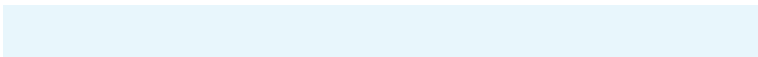
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233, 247, 242



231, 247, 247



232, 246, 252

Triad

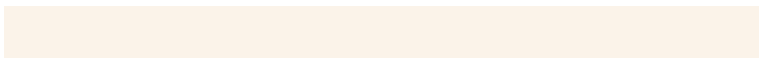
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231, 247, 247



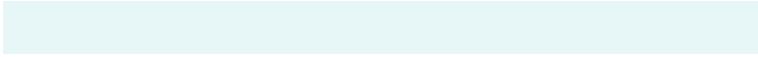
249, 241, 251



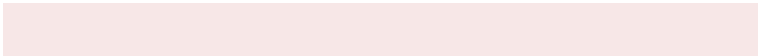
251, 243, 233

Complementary

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



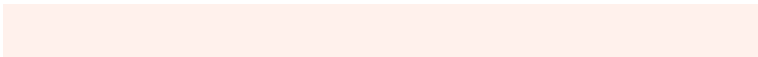
231, 247, 247



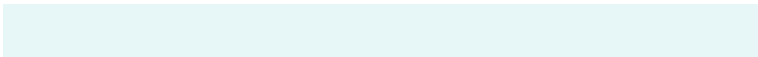
247, 231, 231

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, 236



231, 247, 247



254, 240, 246

Square

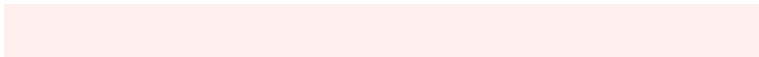
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231, 247, 247



243, 243, 254



255, 240, 240



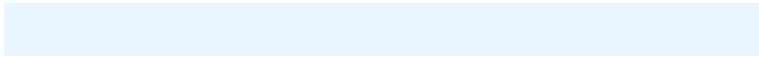
245, 244, 234

Rectangle

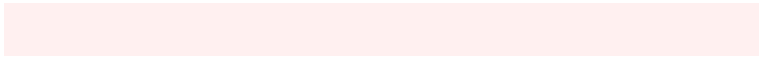
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



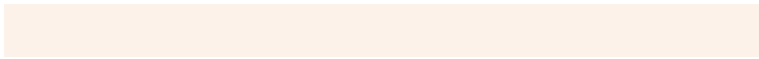
231, 247, 247



235, 245, 254



255, 240, 240



252, 242, 234

Sweetspot

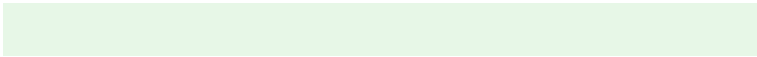
The Sweet Spot groups the original color and five complimentary colors.



231, 247, 247



250, 255, 255



231, 247, 231



125, 128, 128



0, 0, 0



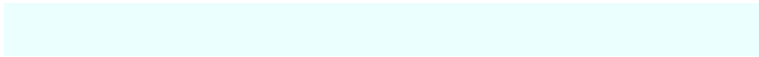
128, 128, 128

Same Dimension

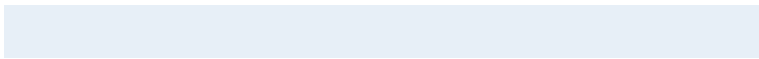
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231, 247, 247



235, 255, 255



231, 239, 247



110, 122, 122



0, 186, 186



0, 59, 59

Inverse Universe

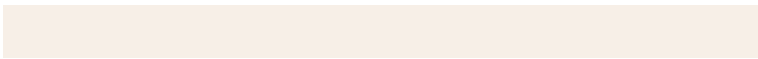
The Inverse Universe completely reimagines the original color for something new.



247, 231, 247



255, 235, 255



247, 239, 231



122, 110, 122



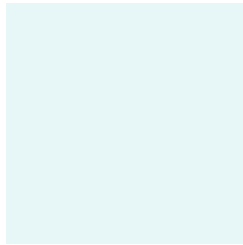
186, 0, 186



59, 0, 59

Previews

White Background



This preview shows how the RGB color 231, 247, 247 looks on a white background.

Color Contrast Check

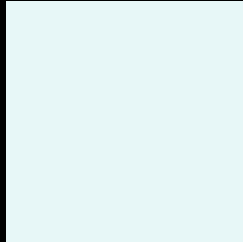
Large Text (above 18pt) WCAG AA × Fail

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, 247, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

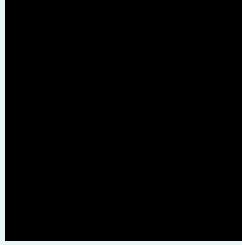
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

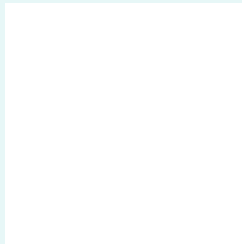
Any Text WCAG AAA ✓ Pass

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

RGB 231, 247, 247 Background



This preview shows how black text looks on a background with the RGB color 231, 247, 247.

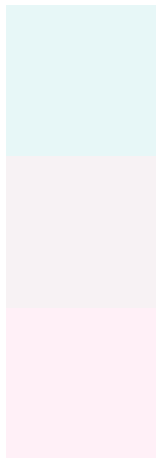


This preview shows how white text looks on a background with the RGB color 231, 247, 247.

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, 247, 247

Protanopia
247, 242, 244

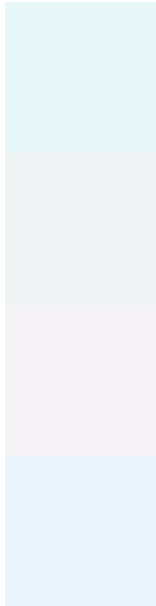
Deuteranopia
255, 240, 247



Tritanopia

238, 244, 255

Trichromacy



Original Color

231, 247, 247

Protanomaly

241, 244, 245

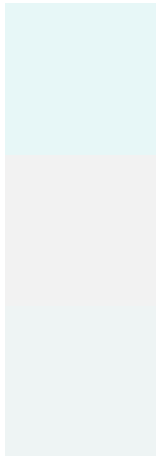
Deuteranomaly

246, 243, 247

Tritanomaly

235, 245, 252

Monochromacy



Original Color

231, 247, 247

Achromatopsia

242, 242, 242

Achromatomaly

238, 244, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 247, 247 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, 247, 247)` looks like.

```
.text, #text, p{  
    color:rgb(231, 247, 247)  
}
```

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, 247, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 247, 247) }
```

Border

The CSS property to change the border of an element to RGB 231, 247, 247 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, 247, 247) }
```

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

```
.border{ border-color:rgb(231, 247, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 247, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 247, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 247, 247);  
box-shadow:4px 4px 4px 4px rgb(231, 247,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 231, 247, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 247, 247) }
```

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

```
.background{ background-color: rgb(231,  
247, 247) }
```

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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