

Converting Colors

RGB(227, 240, 247)

Have a look what the booklet for
RGB(227, 240, 247) contains.

RGB(227, 240, 247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(227, 240, 247)

Conversions

Conversions Part 1

Format	Color
Hex	E3F0F7
RGB	227, 240, 247
RGB Percent	89%, 94%, 97%
CMY	0.1098, 0.0588, 0.0314
CMYK	0.08, 0.03, 0.00, 0.03
HSL	201°, 56%, 93%
HSV	201°, 8%, 97%
XYZ	79.6271, 85.3665, 100.2763
YIQ	236.9110, -9.9950, -0.5790

Conversions

Conversions Part 2

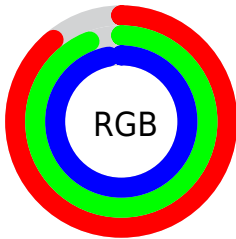
Format	Color
R _Y B	227, 235, 247
Decimal	14938359
CIE Lab	94.04, -2.96, -4.86
CIE LCh	94, 5.692, 238.628
Yxy	85.3665, 0.3002, 0.3218
Android (android.graphics.Color)	4293128439 (0xFFE3F0F7)
YUV	236.9110, 4.9739, -8.6919
Hunter-Lab	92.3940, -7.8543, 0.3277

Details

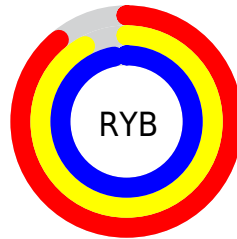
The RGB color `227, 240, 247` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `247, 234, 227`, and the grayscale version is `237, 237, 237`.

A 20% lighter version of the original color is `255, 255, 255`, and `172, 184, 191` is the 20% darker color. If you saturate the color by 10%, you get `202, 231, 247`, and if you desaturate by 10%, it is `252, 249, 247`.

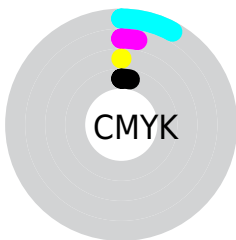
Distribution



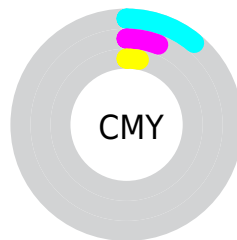
- Red (89%)
- Green (94%)
- Blue (97%)



- Red (89%)
- Yellow (92%)
- Blue (97%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 240, 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 227, 240, 247 by changing the saturation by 10% instead.

■ 227, 240, 247

255, 255, 255

■ 227, 240, 247

■ 199, 212, 219

■ 172, 184, 191

■ 145, 157, 164

■ 119, 131, 137

■ 94, 106, 112

■ 71, 82, 88

■ 48, 59, 64

■ 27, 37, 42

■ 1, 16, 22

■ 227, 240, 247

■ 227, 240, 247

■ 202, 231, 247

■ 252, 249, 247

■ 178, 223, 247

■ 255, 255, 247

■ 153, 214, 247

■ 128, 205, 247

■ 103, 197, 247

■ 79, 188, 247

■ 54, 179, 247

■ 29, 171, 247

■ 5, 162, 247

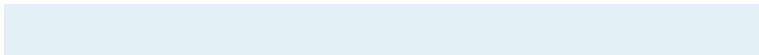
Harmonies

Analogous

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



225, 241, 243



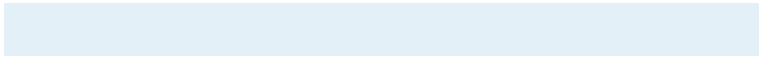
227, 240, 247



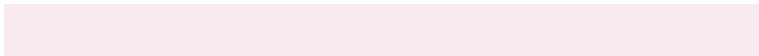
232, 238, 249

Triad

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



227, 240, 247



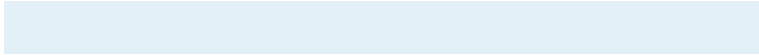
249, 234, 238



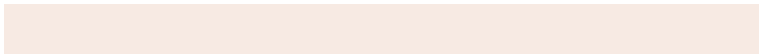
237, 239, 228

Complementary

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



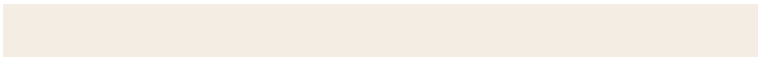
227, 240, 247



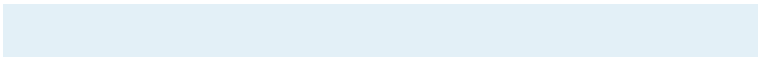
247, 234, 227

Split Complementary

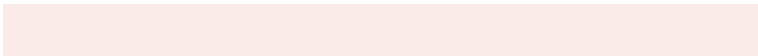
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 237, 227



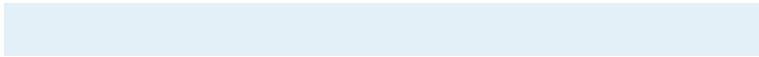
227, 240, 247



250, 235, 233

Square

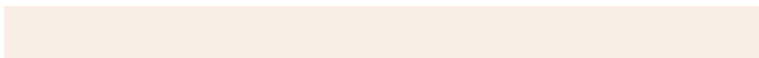
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



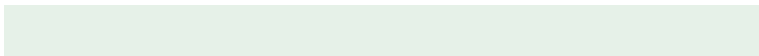
227, 240, 247



245, 235, 244



248, 236, 229



230, 241, 232

Rectangle

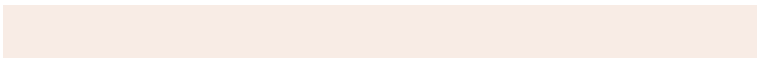
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227, 240, 247



237, 237, 248



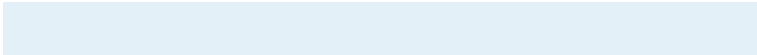
248, 236, 229



239, 239, 227

Sweetspot

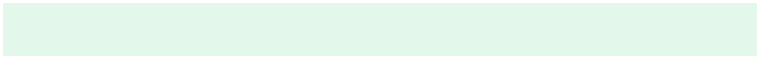
The Sweet Spot groups the original color and five complimentary colors.



227, 240, 247



250, 253, 255



227, 247, 234



125, 127, 128



0, 0, 0



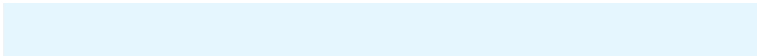
128, 128, 128

Same Dimension

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



227, 240, 247



230, 246, 255



227, 230, 247



110, 118, 122



0, 121, 186



0, 38, 59

Inverse Universe

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



247, 227, 240



255, 230, 246



247, 244, 227



122, 110, 118



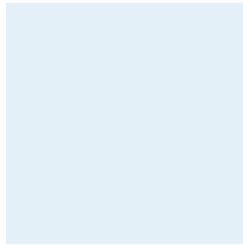
186, 0, 121



59, 0, 38

Previews

White Background



This preview shows how the RGB color 227, 240, 247 looks on a white background.

Color Contrast Check

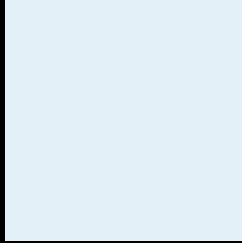
Large Text (above 18pt) WCAG AA × Fail

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 227, 240, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

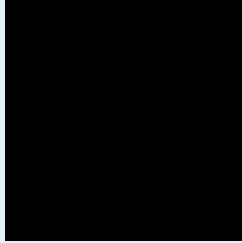
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

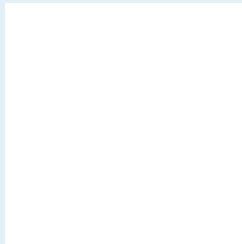
Any Text WCAG AAA ✓ Pass

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

RGB 227, 240, 247 Background



This preview shows how black text looks on a background with the RGB color 227, 240, 247.

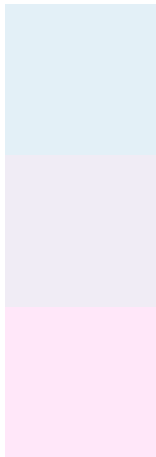


This preview shows how white text looks on a background with the RGB color 227, 240, 247.

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
227, 240, 247

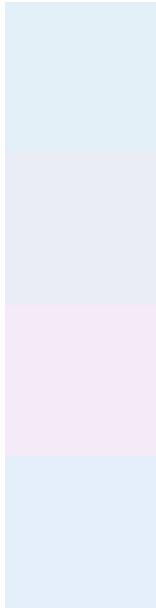
Protanopia
240, 236, 245

Deuteranopia
255, 231, 249



Tritanopia
230, 238, 255

Trichromacy



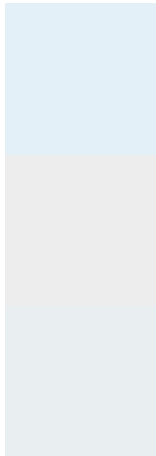
Original Color
227, 240, 247

Protanomaly
235, 237, 246

Deuteranomaly
245, 234, 248

Tritanomaly
229, 239, 252

Monochromacy



Original Color
227, 240, 247

Achromatopsia
237, 237, 237

Achromatomaly
233, 238, 241

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 240, 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(227, 240, 247)` looks like.

```
.text, #text, p{  
    color:rgb(227, 240, 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(227, 240, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 240, 247) }
```

Border

The CSS property to change the border of an element to RGB 227, 240, 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(227, 240, 247) }
```

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

```
.border{ border-color:rgb(227, 240, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 240, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 240, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 240, 247);  
box-shadow:4px 4px 4px 4px rgb(227, 240,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 227, 240, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 240, 247) }
```

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

```
.background{ background-color: rgb(227,  
240, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor