

Converting Colors

RGB(225, 247, 240)

Have a look what the booklet for
RGB(225, 247, 240) contains.

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Color

RGB(225, 247, 240)

Conversions

Conversions Part 1

Format	Color
Hex	E1F7F0
RGB	225, 247, 240
RGB Percent	88%, 97%, 94%
CMY	0.1176, 0.0314, 0.0588
CMYK	0.09, 0.00, 0.03, 0.03
HSL	161°, 58%, 93%
HSV	161°, 9%, 97%
XYZ	80.0403, 88.8204, 95.3635
YIQ	239.6240, -10.8650, -6.8410

Conversions

Conversions Part 2

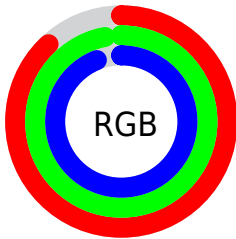
Format	Color
R_{YB}	225, 238, 247
Decimal	14809072
CIE Lab	95.51, -8.46, 0.90
CIE LCh	96, 8.509, 173.952
Yxy	88.8204, 0.3029, 0.3362
Android (android.graphics.Color)	4292999152 (0xFFE1F7F0)
YUV	239.6240, 0.1854, -12.8252
Hunter-Lab	94.2445, -13.3310, 5.9772

Details

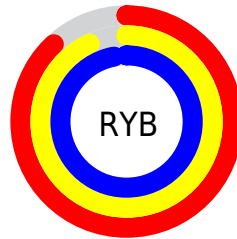
The RGB color **225, 247, 240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **247, 225, 232**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 191, 184** is the 20% darker color. If you saturate the color by 10%, you get **200, 247, 232**, and if you desaturate by 10%, it is 250, 247, 248.

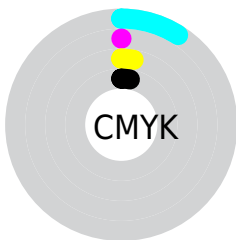
Distribution



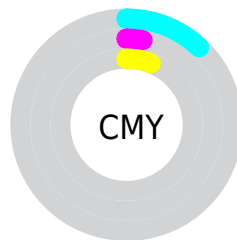
- Red (88%)
- Green (97%)
- Blue (94%)



- Red (88%)
- Yellow (93%)
- Blue (97%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)



- Cyan (12%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 247, 240 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 225, 247, 240 by changing the saturation by 10% instead.

■ 225, 247, 240

255, 255, 255

■ 225, 247, 240

■ 197, 218, 212

■ 170, 191, 184

■ 143, 164, 157

■ 117, 137, 131

■ 93, 112, 106

■ 69, 87, 82

■ 46, 64, 59

■ 25, 42, 37

■ 0, 22, 16

 225, 247, 240

 225, 247, 240

 200, 247, 232

 250, 247, 248

 176, 247, 224

 255, 247, 255

 151, 247, 216

 126, 247, 209

 101, 247, 201

 77, 247, 193

 52, 247, 185

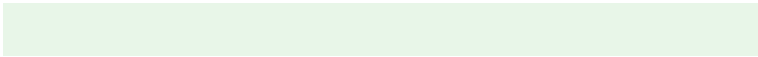
 27, 247, 177

 3, 247, 169

Harmonies

Analogous

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



232, 246, 232



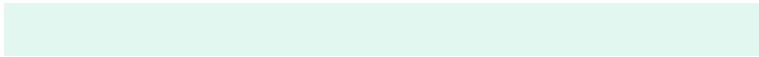
225, 247, 240



222, 247, 248

Triad

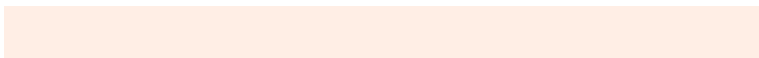
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225, 247, 240



242, 241, 255



255, 238, 229

Complementary

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



225, 247, 240



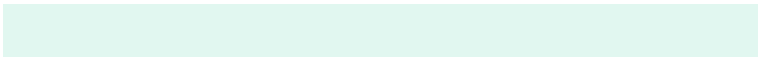
247, 225, 232

Split Complementary

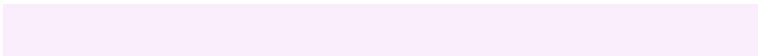
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 237, 236



225, 247, 240



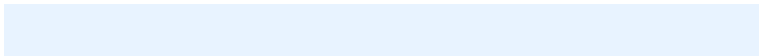
251, 238, 252

Square

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



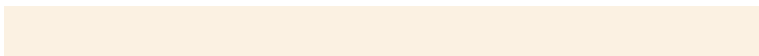
225, 247, 240



232, 243, 255



255, 237, 244



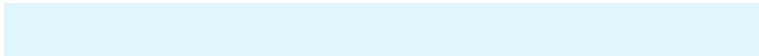
251, 241, 226

Rectangle

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



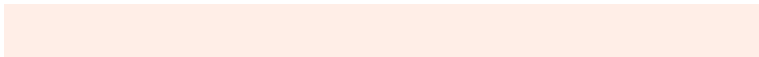
225, 247, 240



223, 246, 253



255, 237, 244



255, 238, 231

Sweetspot

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



225, 247, 240



247, 255, 253



232, 247, 225



122, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

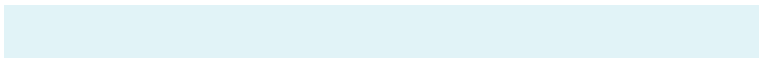
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 247, 240



227, 255, 246



225, 243, 247



110, 122, 119



0, 186, 127



0, 59, 40

Inverse Universe

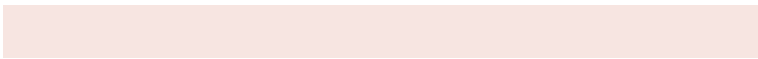
The Inverse Universe completely reimagines the original color for something new.



247, 225, 232



255, 227, 236



247, 229, 225



122, 110, 114



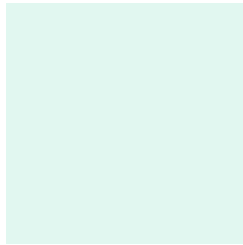
186, 0, 59



59, 0, 19

Previews

White Background



This preview shows how the RGB color 225, 247, 240 looks on a white background.

Color Contrast Check

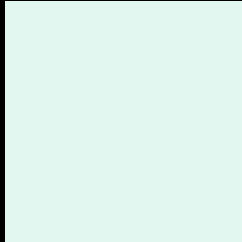
Large Text (above 18pt) WCAG AA × Fail

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 225, 247, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

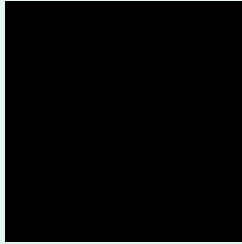
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

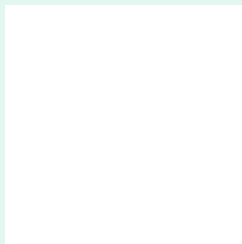
Any Text WCAG AAA ✓ Pass

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

RGB 225, 247, 240 Background



This preview shows how black text looks on a background with the RGB color 225, 247, 240.

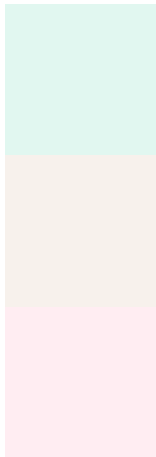


This preview shows how white text looks on a background with the RGB color 225, 247, 240.

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
225, 247, 240

Protanopia
247, 241, 236

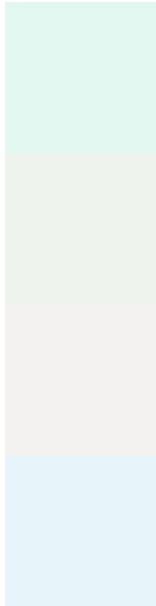
Deuteranopia
255, 237, 242



Tritanopia

234, 243, 255

Trichromacy



Original Color

225, 247, 240

Protanomaly

239, 243, 237

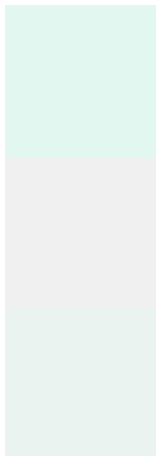
Deuteranomaly

244, 241, 241

Tritanomaly

231, 244, 250

Monochromacy



Original Color

225, 247, 240

Achromatopsia

240, 240, 240

Achromatomaly

235, 243, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 247, 240 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(225, 247, 240)` looks like.

```
.text, #text, p{  
    color:rgb(225, 247, 240)  
}
```

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(225, 247, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 247, 240) }
```

Border

The CSS property to change the border of an element to RGB 225, 247, 240 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(225, 247, 240) }
```

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

```
.border{ border-color:rgb(225, 247, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 247, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 247, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 247, 240);  
box-shadow:4px 4px 4px 4px rgb(225, 247,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 225, 247, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 247, 240) }
```

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

```
.background{ background-color: rgb(225,  
247, 240) }
```

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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