

Converting Colors

RGB(233, 255, 253)

Have a look what the booklet for
RGB(233, 255, 253) contains.

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Color

RGB(233, 255, 253)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E9FFFD |
| RGB | 233, 255, 253 |
| RGB Percent | 91%, 100%, 99% |
| CMY | 0.0863, 0.0000, 0.0078 |
| CMYK | 0.09, 0.00, 0.01, 0.00 |
| HSL | 175°, 100%, 96% |
| HSV | 175°, 9%, 100% |
| XYZ | 87.0939, 95.9355, 106.8556 |
| YIQ | 248.1940, -12.4700, -5.2860 |

Conversions

Conversions Part 2

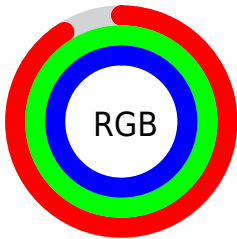
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 233, 245, 255 |
| Decimal | 15335421 |
| CIE _{Lab} | 98.41, -7.49, -1.50 |
| CIE _{LCh} | 98, 7.634, 191.317 |
| Yxy | 95.9355, 0.3004, 0.3309 |
| Android (android.graphics.Color) | 4293525501 (0xFFE9FFFD) |
| YUV | 248.1940, 2.3694, -13.3251 |
| Hunter-Lab | 97.9467, -12.6850, 3.8798 |

Details

The RGB color `233, 255, 253` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `255, 233, 235`, and the grayscale version is `248, 248, 248`.

A 20% lighter version of the original color is `255, 255, 255`, and `177, 198, 196` is the 20% darker color. If you saturate the color by 10%, you get `208, 255, 251`, and if you desaturate by 10%, it is `255, 255, 255`.

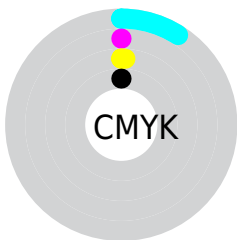
Distribution



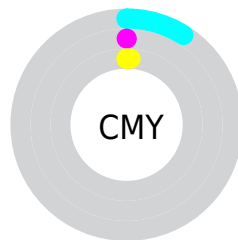
- Red (91%)
- Green (100%)
- Blue (99%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 255, 253 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 233, 255, 253 by changing the saturation by 10% instead.


 233, 255, 253


255, 255, 255


 233, 255, 253

 205, 226, 224

 177, 198, 196


 150, 171, 169

 124, 144, 143

 99, 119, 117

 75, 94, 93

 52, 70, 69

 31, 48, 47

 9, 27, 26

233, 255, 253

233, 255, 253

208, 255, 251

255, 255, 255

182, 255, 248

156, 255, 246

131, 255, 244

106, 255, 241

80, 255, 239

55, 255, 237

29, 255, 234

4, 255, 232

Harmonies

Analogous

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



237, 255, 245



233, 255, 253



233, 254, 255

Triad

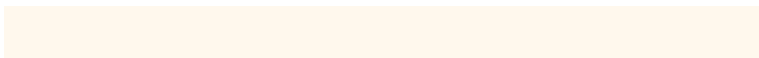
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233, 255, 253



255, 248, 255



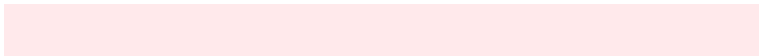
255, 248, 237

Complementary

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



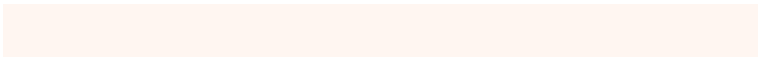
233, 255, 253



255, 233, 235

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, 241



233, 255, 253



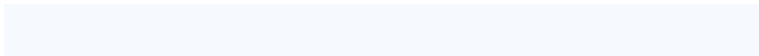
255, 246, 255

Square

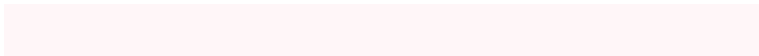
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233, 255, 253



246, 250, 255



255, 246, 248



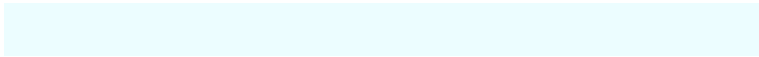
254, 251, 236

Rectangle

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



233, 255, 253



236, 253, 255



255, 246, 248



255, 248, 238

Sweetspot

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



233, 255, 253



247, 255, 254



235, 255, 233



122, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

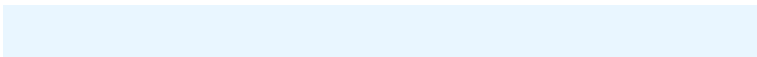
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233, 255, 253



230, 255, 253



233, 246, 255



115, 128, 126



0, 191, 174



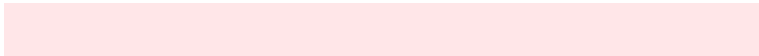
0, 64, 58

Inverse Universe

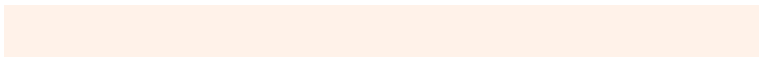
The Inverse Universe completely reimagines the original color for something new.



255, 233, 235



255, 230, 232



255, 242, 233



128, 115, 116



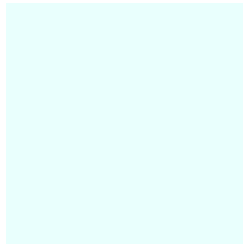
191, 0, 17



64, 0, 6

Previews

White Background



This preview shows how the RGB color 233, 255, 253 looks on a white background.

Color Contrast Check

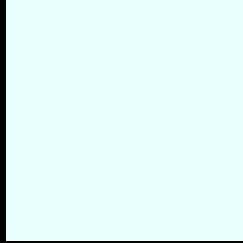
Large Text (above 18pt) WCAG AA × Fail

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 233, 255, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

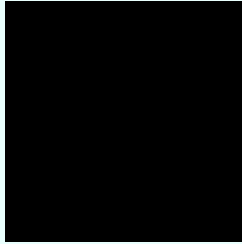
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

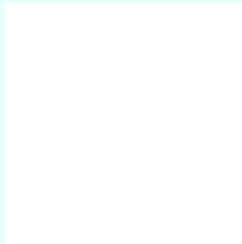
Any Text WCAG AAA ✓ Pass

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

RGB 233, 255, 253 Background



This preview shows how black text looks on a background with the RGB color 233, 255, 253.

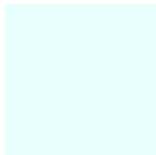


This preview shows how white text looks on a background with the RGB color 233, 255, 253.

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
[233, 255, 253](#)



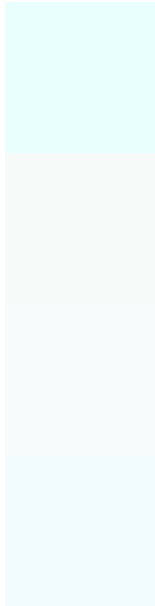
Protanopia
[254, 249, 249](#)

Deuteranopia
[255, 249, 251](#)

Tritanopia

247, 251, 255

Trichromacy



Original Color

233, 255, 253

Protanomaly

246, 251, 250

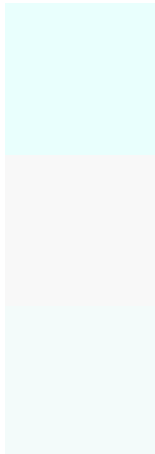
Deuteranomaly

247, 251, 252

Tritanomaly

242, 252, 254

Monochromacy



Original Color

233, 255, 253

Achromatopsia

248, 248, 248

Achromatomaly

243, 251, 250

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 255, 253 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(233, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 253)  
}
```

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(233, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 253) }
```

Border

The CSS property to change the border of an element to RGB 233, 255, 253 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(233, 255, 253) }
```

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

```
.border{ border-color:rgb(233, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 233, 255, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 253) }
```

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

```
.background{ background-color: rgb(233,  
255, 253) }
```

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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