

# Converting Colors

RGB(235, 255, 253)

Have a look what the booklet for  
RGB(235, 255, 253) contains.

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# Color

**RGB(235, 255, 253)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBFFFD
RGB	235, 255, 253
RGB Percent	92%, 100%, 99%
CMY	0.0784, 0.0000, 0.0078
CMYK	0.08, 0.00, 0.01, 0.00
HSL	174°, 100%, 96%
HSV	174°, 8%, 100%
XYZ	87.7506, 96.2740, 106.8863
YIQ	248.7920, -11.2780, -4.8620

# Conversions

## Conversions Part 2

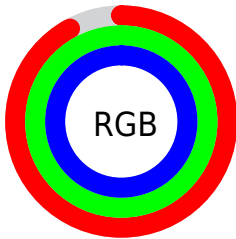
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 246, 255
Decimal	15466493
CIE <sub>Lab</sub>	98.54, -6.85, -1.29
CIE <sub>LCh</sub>	99, 6.967, 190.631
Yxy	96.2740, 0.3016, 0.3309
Android (android.graphics.Color)	4293656573 (0xFFEBFFFD)
YUV	248.7920, 2.0745, -12.0956
Hunter-Lab	98.1193, -12.0718, 4.0960

# Details

The RGB color **235, 255, 253** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **255, 235, 237**, and the grayscale version is **249, 249, 249**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 198, 196** is the 20% darker color. If you saturate the color by 10%, you get **210, 255, 250**, and if you desaturate by 10%, it is **255, 255, 255**.

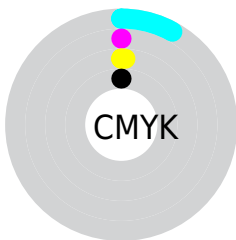
# Distribution



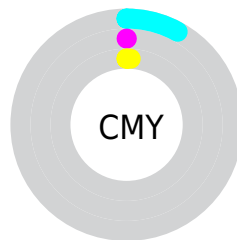
- Red (92%)
- Green (100%)
- Blue (99%)



- Red (92%)
- Yellow (96%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 235, 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 235, 255, 253 by changing the saturation by 10% instead.




 235, 255, 253

255, 255, 255


 235, 255, 253

 207, 226, 224


 179, 198, 196

 152, 171, 169

 126, 145, 143

 101, 119, 117

 77, 94, 93

 54, 71, 69

 32, 48, 47

 12, 27, 26

 235, 255, 253

 235, 255, 253

 210, 255, 250

255, 255, 255

 184, 255, 248

 158, 255, 245

 133, 255, 243

 107, 255, 240

 82, 255, 238

 57, 255, 235

 31, 255, 233

 6, 255, 230

# Harmonies

## Analogous

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



239, 255, 246



235, 255, 253



235, 254, 255

# Triad

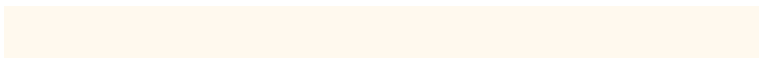
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235, 255, 253



255, 248, 255



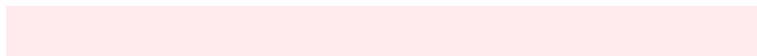
255, 249, 238

# Complementary

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



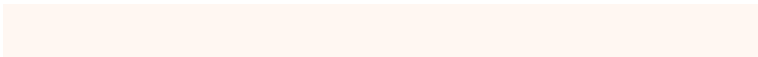
235, 255, 253



255, 235, 237

# 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, 247, 242



235, 255, 253



255, 247, 255

# Square

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



235, 255, 253



247, 251, 255



255, 246, 249



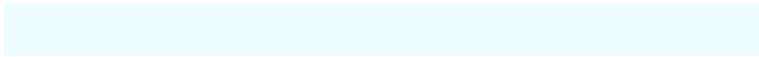
254, 251, 237

# Rectangle

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



235, 255, 253



238, 253, 255



255, 246, 249



255, 248, 239



# Sweetspot

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



235, 255, 253



250, 255, 254



237, 255, 235



125, 128, 127



0, 0, 0



128, 128, 128



# Same Dimension

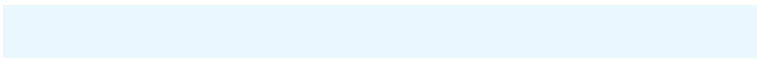
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 255, 253



232, 255, 253



235, 247, 255



115, 128, 126



0, 191, 172



0, 64, 57



# Inverse Universe

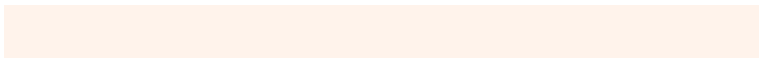
The Inverse Universe completely reimagines the original color for something new.



255, 235, 237



255, 232, 234



255, 243, 235



128, 115, 116



191, 0, 19

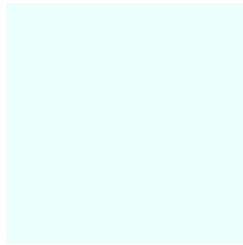


64, 0, 6



# Previews

## White Background



This preview shows how the RGB color 235, 255, 253 looks on a white background.

## Color Contrast Check

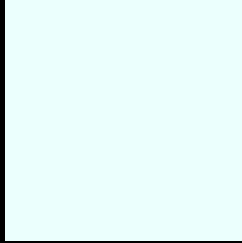
Large Text (above 18pt) WCAG AA × Fail

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 235, 255, 253 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

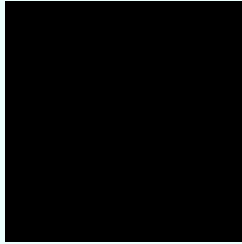
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 235, 255, 253 Background



This preview shows how black text looks on a background with the RGB color 235, 255, 253.

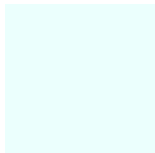


This preview shows how white text looks on a background with the RGB color 235, 255, 253.

# 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**  
235, 255, 253



**Protanopia**  
255, 249, 250

**Deuteranopia**  
255, 249, 252

# Tritanopia

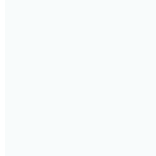
248, 251, 255

# Trichromacy



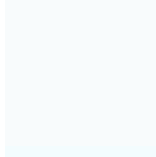
## Original Color

235, 255, 253



## Protanomaly

248, 251, 251



## Deuteranomaly

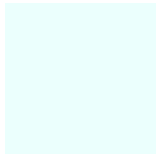
248, 251, 252



## Tritanomaly

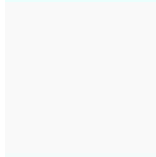
243, 252, 254

# Monochromacy



## Original Color

235, 255, 253



## Achromatopsia

249, 249, 249



## Achromatomaly

244, 251, 250

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 235, 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(235, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 253) }
```

## Border

The CSS property to change the border of an element to RGB 235, 255, 253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

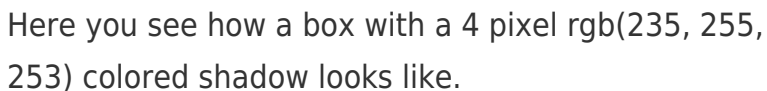
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 255, 253) }
```

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

```
.border{ border-color:rgb(235, 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(235, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 255, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 255, 253); box-shadow:4px 4px 4px 4px rgb(235, 255, 253) }
```

# Background

The CSS property to change the background color of an element to RGB 235, 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(235, 255, 253) }
```

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

```
.background{ background-color: rgb(235,  
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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