

Converting Colors

RGB(235, 252, 249)

Have a look what the booklet for
RGB(235, 252, 249) contains.

RGB(235, 252, 249)	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(235, 252, 249)

Conversions

Conversions Part 1

Format	Color
Hex	EBFCF9
RGB	235, 252, 249
RGB Percent	92%, 99%, 98%
CMY	0.0784, 0.0118, 0.0235
CMYK	0.07, 0.00, 0.01, 0.01
HSL	169°, 74%, 95%
HSV	169°, 7%, 99%
XYZ	86.1702, 94.1225, 103.2483
YIQ	246.5750, -9.1690, -4.5370

Conversions

Conversions Part 2

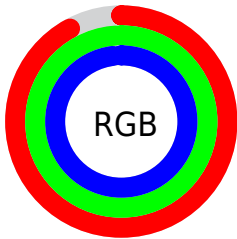
Format	Color
R_{YB}	235, 244, 252
Decimal	15465721
CIE _{Lab}	97.68, -6.08, -0.49
CIE _{LCh}	98, 6.102, 184.572
Yxy	94.1225, 0.3039, 0.3320
Android (android.graphics.Color)	4293655801 (0xFFEBFCF9)
YUV	246.5750, 1.1955, -10.1513
Hunter-Lab	97.0168, -11.2357, 4.8134

Details

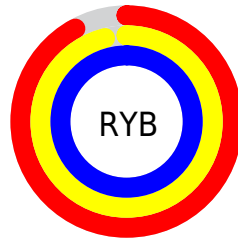
The RGB color **235, 252, 249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **252, 235, 238**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 195, 193** is the 20% darker color. If you saturate the color by 10%, you get **210, 252, 245**, and if you desaturate by 10%, it is **255, 252, 253**.

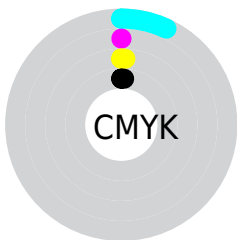
Distribution



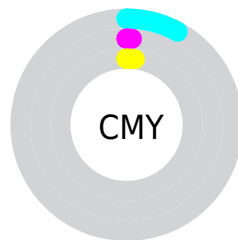
- Red (92%)
- Green (99%)
- Blue (98%)



- Red (92%)
- Yellow (96%)
- Blue (99%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (8%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 252, 249 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, 252, 249 by changing the saturation by 10% instead.


 235, 252, 249

 235, 252, 249


255, 255, 255

 207, 223, 220

 179, 195, 193

 152, 168, 165


 126, 142, 139

 101, 116, 114

 77, 92, 89

 54, 68, 66

 33, 46, 44

 12, 25, 23

 235, 252, 249

 235, 252, 249

 210, 252, 245

 255, 252, 253

 185, 252, 240

 255, 252, 255

 159, 252, 236

 134, 252, 231

 109, 252, 227

 84, 252, 222

 59, 252, 218

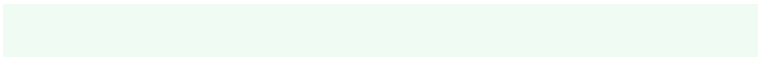
 33, 252, 213

 8, 252, 209

Harmonies

Analogous

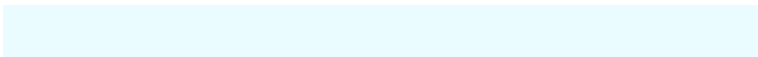
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 251, 243



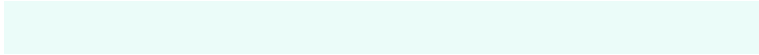
235, 252, 249



234, 252, 255

Triad

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



235, 252, 249



251, 247, 255



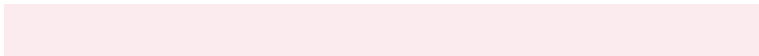
255, 246, 238

Complementary

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



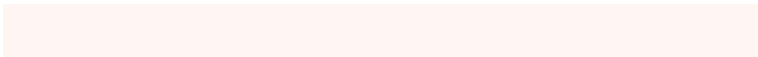
235, 252, 249



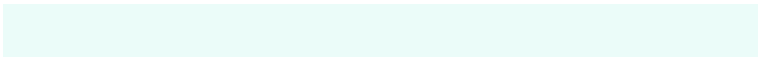
252, 235, 238

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, 245, 242



235, 252, 249



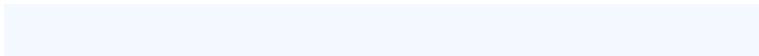
255, 245, 254

Square

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



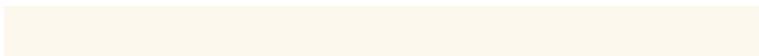
235, 252, 249



244, 248, 255



255, 244, 248



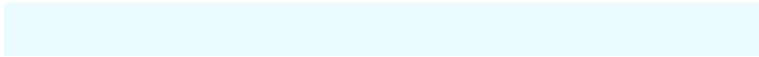
253, 248, 237

Rectangle

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



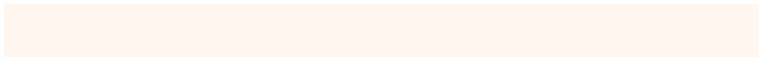
235, 252, 249



236, 251, 255



255, 244, 248



255, 246, 239

Sweetspot

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



235, 252, 249



250, 255, 254



238, 252, 235



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

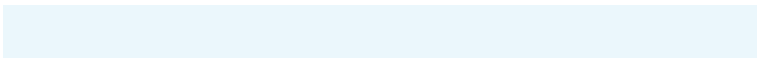
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 252, 249



235, 255, 251



235, 247, 252



112, 125, 123



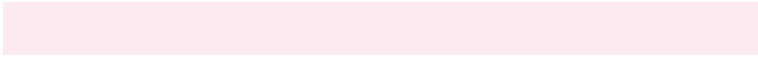
0, 189, 155



0, 61, 50

Inverse Universe

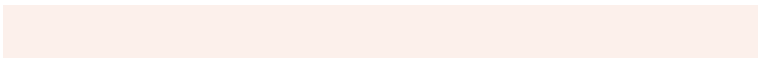
The Inverse Universe completely reimagines the original color for something new.



252, 235, 238



255, 235, 238



252, 240, 235



125, 112, 115



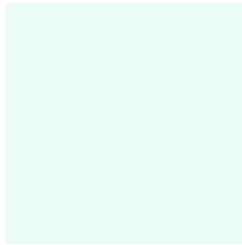
189, 0, 33



61, 0, 11

Previews

White Background



This preview shows how the RGB color 235, 252, 249 looks on a white background.

Color Contrast Check

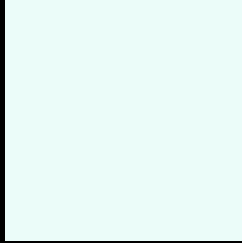
Large Text (above 18pt) WCAG AA × Fail

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, 252, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

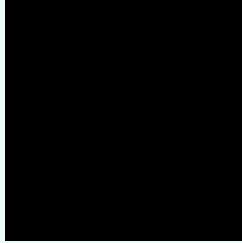
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

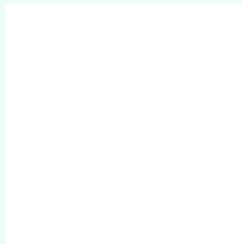
Any Text WCAG AAA ✓ Pass

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

RGB 235, 252, 249 Background



This preview shows how black text looks on a background with the RGB color 235, 252, 249.

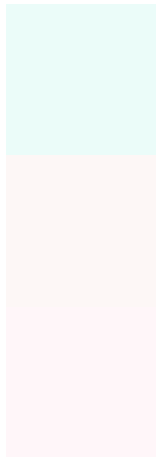


This preview shows how white text looks on a background with the RGB color 235, 252, 249.

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, 252, 249

Protanopia
253, 247, 246

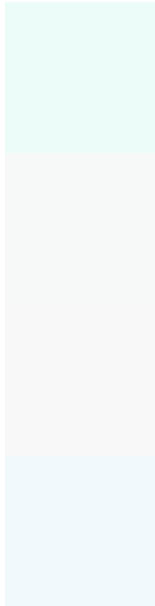
Deuteranopia
255, 246, 249



Tritanopia

245, 248, 255

Trichromacy



Original Color

235, 252, 249

Protanomaly

246, 249, 247

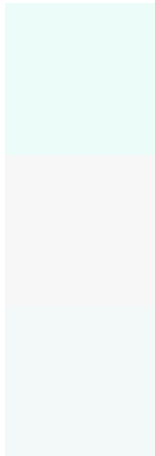
Deuteranomaly

248, 248, 249

Tritanomaly

241, 249, 253

Monochromacy



Original Color

235, 252, 249

Achromatopsia

247, 247, 247

Achromatomaly

243, 249, 248

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 252, 249 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, 252, 249)` looks like.

```
.text, #text, p{  
    color:rgb(235, 252, 249)  
}
```

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, 252, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 252, 249) }
```

Border

The CSS property to change the border of an element to RGB 235, 252, 249 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, 252, 249) }
```

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

```
.border{ border-color:rgb(235, 252, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 252, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(235, 252,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 235, 252, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 252, 249) }
```

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

```
.background{ background-color: rgb(235,  
252, 249) }
```

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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