

Converting Colors

RGB(226, 249, 249)

Have a look what the booklet for
RGB(226, 249, 249) contains.

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Color

RGB(226, 249, 249)

Conversions

Conversions Part 1

Format	Color
Hex	E2F9F9
RGB	226, 249, 249
RGB Percent	89%, 98%, 98%
CMY	0.1137, 0.0235, 0.0235
CMYK	0.09, 0.00, 0.00, 0.02
HSL	180°, 66%, 93%
HSV	180°, 9%, 98%
XYZ	82.3386, 90.7597, 102.8012
YIQ	242.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

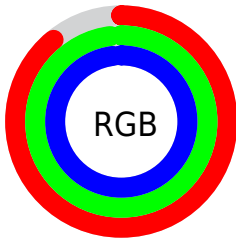
Format	Color
R _Y B	226, 238, 249
Decimal	14875129
CIE _{Lab}	96.31, -7.46, -2.57
CIE _{LCh}	96, 7.887, 198.980
Y _{xy}	90.7597, 0.2984, 0.3290
Android (android.graphics.Color)	4293065209 (0xFFE2F9F9)
Y _{UV}	242.1230, 3.3904, -14.1399
Hunter-Lab	95.2679, -12.4439, 2.7091

Details

The RGB color **226, 249, 249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **249, 226, 226**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is 255, 255, 255, and **171, 193, 193** is the 20% darker color. If you saturate the color by 10%, you get **201, 249, 249**, and if you desaturate by 10%, it is 251, 249, 249.

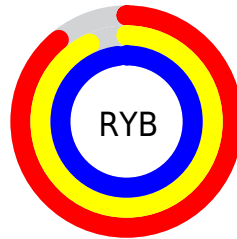
Distribution



Red (89%)

Green (98%)

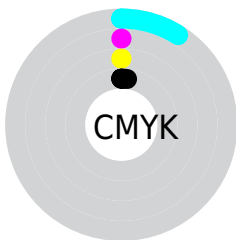
Blue (98%)



Red (89%)

Yellow (93%)

Blue (98%)

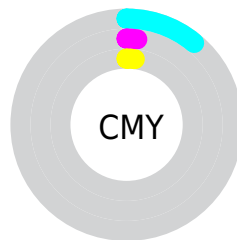


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (11%)

Magenta (2%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 249, 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 226, 249, 249 by changing the saturation by 10% instead.


 226, 249, 249

 226, 249, 249


255, 255, 255

 198, 220, 220

 171, 193, 193

 144, 165, 165

 118, 139, 139

 93, 114, 114

 69, 89, 89

 47, 66, 66

 25, 44, 44

 1, 23, 23

 226, 249, 249

 226, 249, 249

 201, 249, 249

 251, 249, 249

 176, 249, 249

 255, 249, 249

 151, 249, 249

 126, 249, 249

 102, 249, 249

 77, 249, 249

 52, 249, 249

 27, 249, 249

 2, 249, 249

Harmonies

Analogous

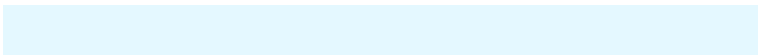
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229, 249, 241



226, 249, 249



228, 248, 255

Triad

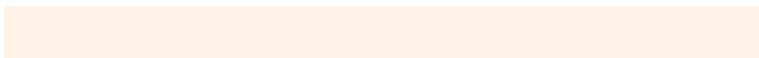
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 249, 249



252, 241, 254



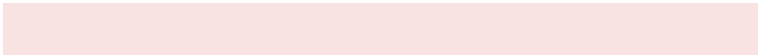
254, 243, 230

Complementary

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



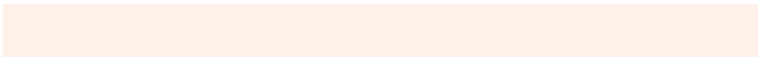
226, 249, 249



249, 226, 226

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, 241, 233



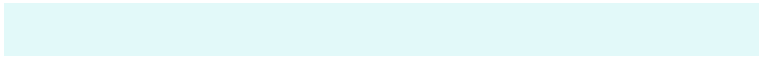
226, 249, 249



255, 240, 247

Square

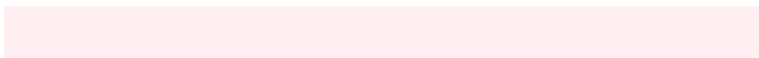
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226, 249, 249



243, 243, 255



255, 239, 240



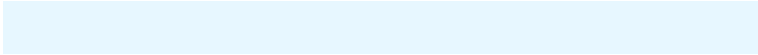
246, 245, 230

Rectangle

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



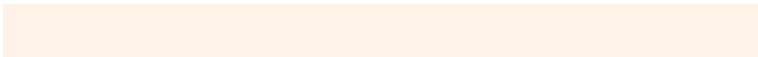
226, 249, 249



231, 247, 255



255, 239, 240



255, 242, 230

Sweetspot

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



226, 249, 249



247, 255, 255



226, 249, 226



122, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

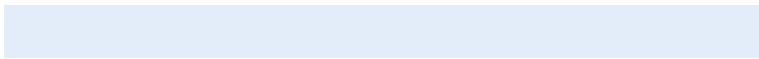
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226, 249, 249



227, 255, 255



226, 237, 249



112, 125, 125



0, 189, 189



0, 61, 61

Inverse Universe

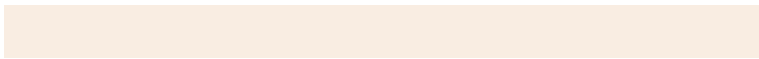
The Inverse Universe completely reimagines the original color for something new.



249, 226, 249



255, 227, 255



249, 237, 226



125, 112, 125



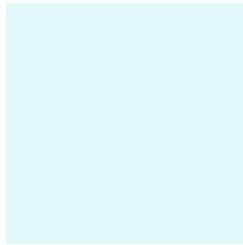
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RGB color 226, 249, 249 looks on a white background.

Color Contrast Check

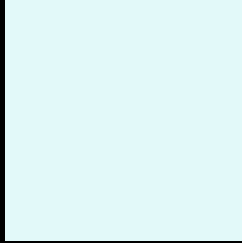
Large Text (above 18pt) WCAG AA × Fail

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 226, 249, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

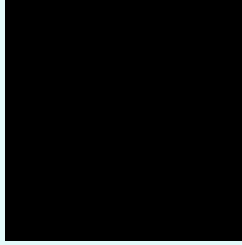
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

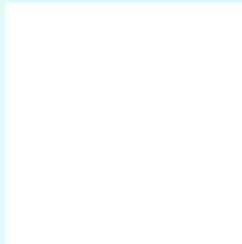
Any Text WCAG AAA ✓ Pass

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

RGB 226, 249, 249 Background



This preview shows how black text looks on a background with the RGB color 226, 249, 249.

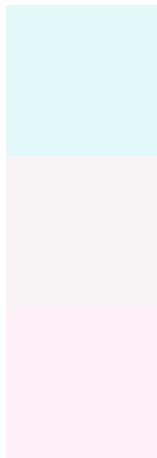


This preview shows how white text looks on a background with the RGB color 226, 249, 249.

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
226, 249, 249

Protanopia
248, 243, 245

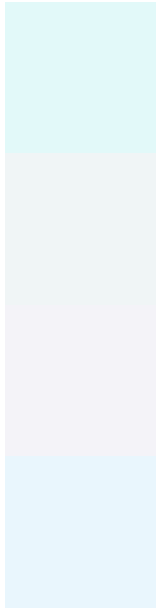
Deuteranopia
255, 240, 248



Tritanopia

237, 245, 255

Trichromacy



Original Color

226, 249, 249

Protanomaly

240, 245, 246

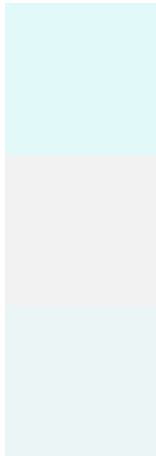
Deuteranomaly

244, 243, 248

Tritanomaly

233, 246, 253

Monochromacy



Original Color

226, 249, 249

Achromatopsia

242, 242, 242

Achromatomaly

236, 245, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 249, 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(226, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(226, 249, 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(226, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 249, 249) }
```

Border

The CSS property to change the border of an element to RGB 226, 249, 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(226, 249, 249) }
```

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

```
.border{ border-color:rgb(226, 249, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 249, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(226, 249,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 226, 249, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 249, 249) }
```

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

```
.background{ background-color: rgb(226,  
249, 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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