

Converting Colors

RGB(227, 255, 249)

Have a look what the booklet for
RGB(227, 255, 249) contains.

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Color

RGB(227, 255, 249)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFF9
RGB	227, 255, 249
RGB Percent	89%, 100%, 98%
CMY	0.1098, 0.0000, 0.0235
CMYK	0.11, 0.00, 0.02, 0.00
HSL	167°, 100%, 95%
HSV	167°, 11%, 100%
XYZ	84.5374, 94.6904, 103.4440
YIQ	245.9440, -14.7620, -7.8020

Conversions

Conversions Part 2

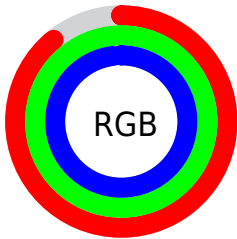
Format	Color
R_{YB}	227, 243, 255
Decimal	14942201
CIE _{Lab}	97.91, -10.14, -0.22
CIE _{LCh}	98, 10.145, 181.226
Yxy	94.6904, 0.2991, 0.3350
Android (android.graphics.Color)	4293132281 (0xFFE3FFF9)
YUV	245.9440, 1.5066, -16.6139
Hunter-Lab	97.3090, -15.2185, 5.0883

Details

The RGB color **227, 255, 249** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 227, 233**, and the grayscale version is **246, 246, 246**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 198, 193** is the 20% darker color. If you saturate the color by 10%, you get **202, 255, 244**, and if you desaturate by 10%, it is **252, 255, 254**.

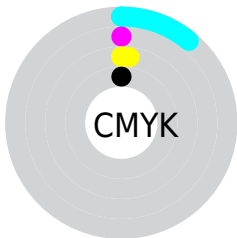
Distribution



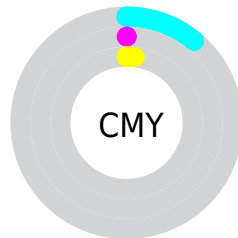
- Red (89%)
- Green (100%)
- Blue (98%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 255, 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 227, 255, 249 by changing the saturation by 10% instead.

 227, 255, 249

 227, 255, 249


255, 255, 255

 199, 226, 220

 171, 198, 193

 145, 171, 165

 119, 144, 139

 94, 119, 114

 70, 94, 89

 47, 70, 66

 25, 48, 44

 2, 27, 23

 227, 255, 249

 227, 255, 249

 202, 255, 244

 252, 255, 254

 176, 255, 238

 255, 255, 255

 150, 255, 233

 125, 255, 227

 99, 255, 222

 74, 255, 216

 49, 255, 211

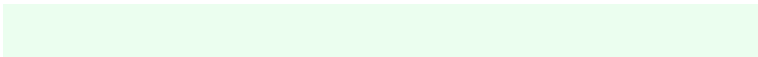
 23, 255, 205

 0, 255, 200

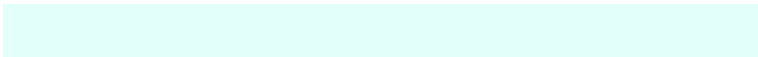
Harmonies

Analogous

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



235, 254, 239



227, 255, 249



225, 255, 255

Triad

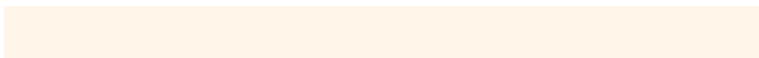
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227, 255, 249



252, 246, 255



255, 245, 232

Complementary

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



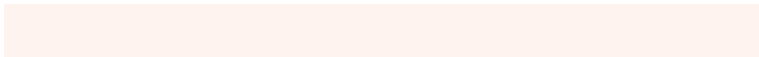
227, 255, 249



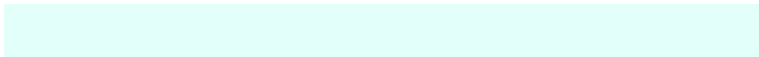
255, 227, 233

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, 243, 239



227, 255, 249



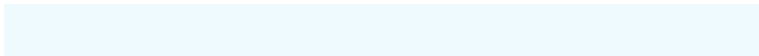
255, 244, 255

Square

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



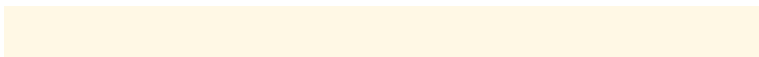
227, 255, 249



239, 250, 255



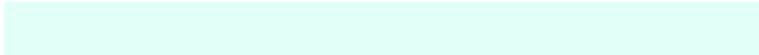
255, 242, 249



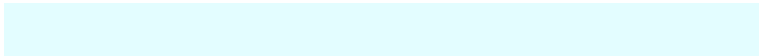
255, 248, 229

Rectangle

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



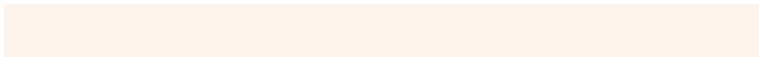
227, 255, 249



227, 253, 255



255, 242, 249



255, 244, 234

Sweetspot

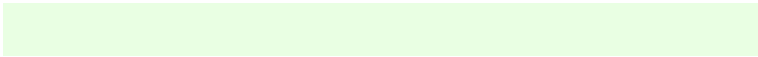
The Sweet Spot groups the original color and five complimentary colors.



227, 255, 249



247, 255, 253



233, 255, 227



122, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

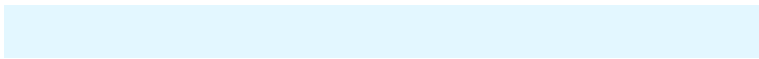
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227, 255, 249



222, 255, 248



227, 247, 255



115, 128, 125



0, 191, 150



0, 64, 50

Inverse Universe

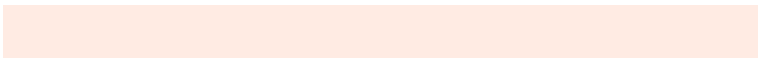
The Inverse Universe completely reimagines the original color for something new.



255, 227, 233



255, 222, 229



255, 235, 227



128, 115, 117



191, 0, 41



64, 0, 14

Previews

White Background



This preview shows how the RGB color 227, 255, 249 looks on a white background.

Color Contrast Check

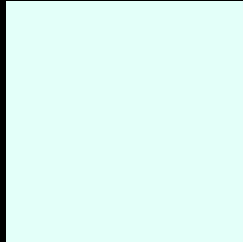
Large Text (above 18pt) WCAG AA × Fail

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 227, 255, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

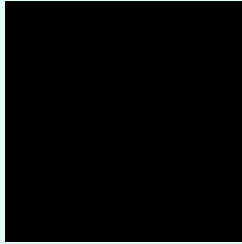
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

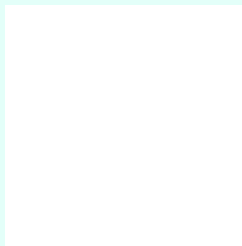
Any Text WCAG AAA ✓ Pass

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

RGB 227, 255, 249 Background



This preview shows how black text looks on a background with the RGB color 227, 255, 249.

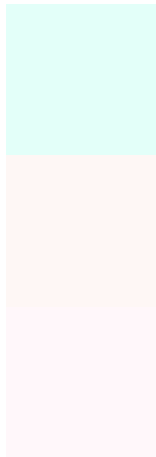


This preview shows how white text looks on a background with the RGB color 227, 255, 249.

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
227, 255, 249

Protanopia
254, 247, 245

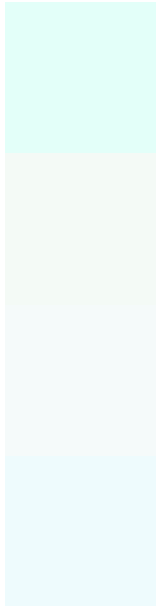
Deuteranopia
255, 247, 250



Tritanopia

244, 249, 255

Trichromacy



Original Color

227, 255, 249

Protanomaly

244, 250, 246

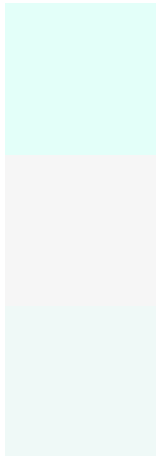
Deuteranomaly

245, 250, 250

Tritanomaly

238, 251, 253

Monochromacy



Original Color

227, 255, 249

Achromatopsia

246, 246, 246

Achromatomaly

239, 249, 247

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 255, 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(227, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 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(227, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 249) }
```

Border

The CSS property to change the border of an element to RGB 227, 255, 249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

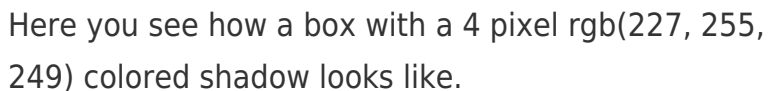
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 255, 249) }
```

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

```
.border{ border-color:rgb(227, 255, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 227, 255, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 249) }
```

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

```
.background{ background-color: rgb(227,  
255, 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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