

Converting Colors

RGB(221, 254, 249)

Have a look what the booklet for
RGB(221, 254, 249) contains.

RGB(221, 254, 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(221, 254, 249)

Conversions

Conversions Part 1

Format	Color
Hex	DDFEF9
RGB	221, 254, 249
RGB Percent	87%, 100%, 98%
CMY	0.1333, 0.0039, 0.0235
CMYK	0.13, 0.00, 0.02, 0.00
HSL	171°, 94%, 93%
HSV	171°, 13%, 100%
XYZ	82.3595, 93.0953, 103.2509
YIQ	243.5630, -18.0630, -8.5510

Conversions

Conversions Part 2

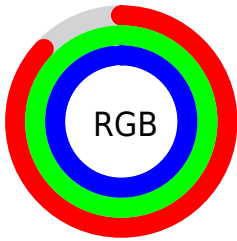
Format	Color
R _Y B	221, 239, 254
Decimal	14548729
CIE Lab	97.27, -11.54, -1.20
CIE LCh	97, 11.598, 185.957
Yxy	93.0953, 0.2955, 0.3340
Android (android.graphics.Color)	4292738809 (0xFFDDFEF9)
YUV	243.5630, 2.6804, -19.7878
Hunter-Lab	96.4859, -16.4844, 4.0931

Details

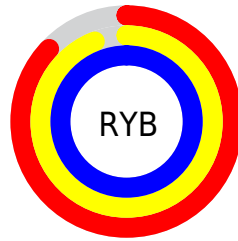
The RGB color **221, 254, 249** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **254, 221, 226**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 197, 193** is the 20% darker color. If you saturate the color by 10%, you get **196, 254, 245**, and if you desaturate by 10%, it is **246, 254, 253**.

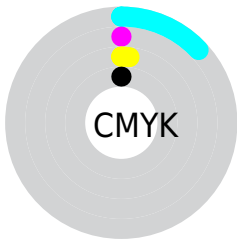
Distribution



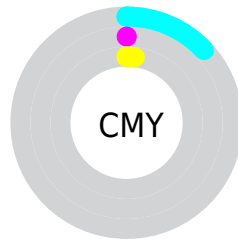
- Red (87%)
- Green (100%)
- Blue (98%)



- Red (87%)
- Yellow (94%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 254, 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 221, 254, 249 by changing the saturation by 10% instead.

221, 254, 249

255, 255, 255

221, 254, 249

193, 225, 220

166, 197, 193

139, 170, 165

113, 144, 139

88, 118, 114

64, 93, 89

41, 69, 66

19, 47, 44

0, 27, 23

■ 221, 254, 249

■ 221, 254, 249

■ 196, 254, 245

■ 246, 254, 253

■ 170, 254, 241

■ 255, 254, 255

■ 145, 254, 237

■ 119, 254, 234

■ 94, 254, 230

■ 69, 254, 226

■ 43, 254, 222

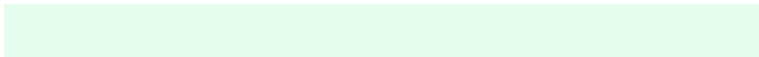
■ 18, 254, 218

■ 0, 254, 216

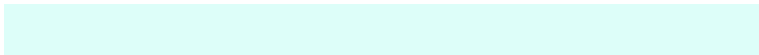
Harmonies

Analogous

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



229, 253, 238



221, 254, 249



220, 253, 255

Triad

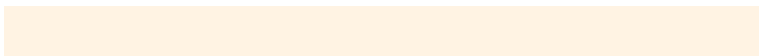
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221, 254, 249



252, 244, 255



255, 243, 227

Complementary

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



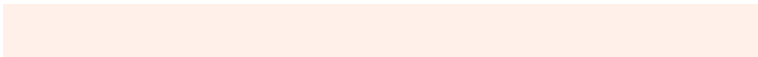
221, 254, 249



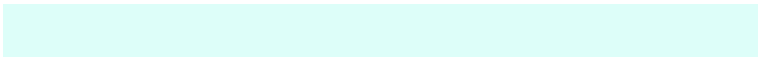
254, 221, 226

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, 234



221, 254, 249



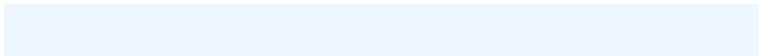
255, 241, 255

Square

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



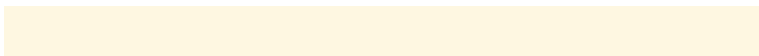
221, 254, 249



238, 247, 255



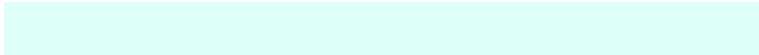
255, 240, 245



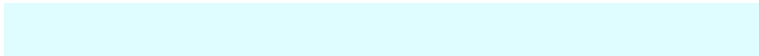
254, 247, 225

Rectangle

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



221, 254, 249



223, 252, 255



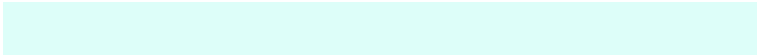
255, 240, 245



255, 242, 229

Sweetspot

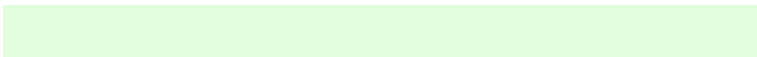
The Sweet Spot groups the original color and five complimentary colors.



221, 254, 249



245, 255, 253



227, 254, 221



121, 128, 127



0, 0, 0



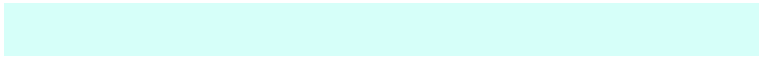
128, 128, 128

Same Dimension

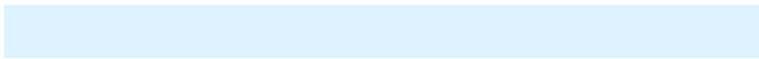
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221, 254, 249



214, 255, 249



221, 243, 254



115, 128, 126



0, 191, 162



0, 64, 54

Inverse Universe

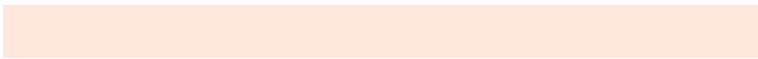
The Inverse Universe completely reimagines the original color for something new.



254, 221, 226



255, 214, 220



254, 232, 221



128, 115, 117



191, 0, 29



64, 0, 10

Previews

White Background



This preview shows how the RGB color 221, 254, 249 looks on a white background.

Color Contrast Check

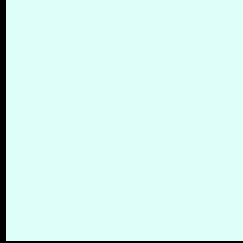
Large Text (above 18pt) WCAG AA × Fail

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 221, 254, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

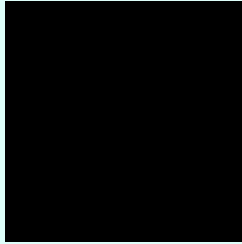
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

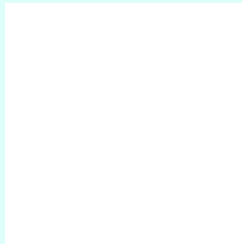
Any Text WCAG AAA ✓ Pass

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

RGB 221, 254, 249 Background



This preview shows how black text looks on a background with the RGB color 221, 254, 249.

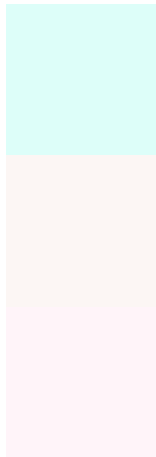


This preview shows how white text looks on a background with the RGB color 221, 254, 249.

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
221, 254, 249

Protanopia
252, 246, 244

Deuteranopia
255, 244, 249



Tritanopia

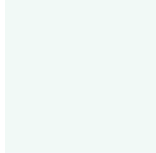
240, 248, 255

Trichromacy



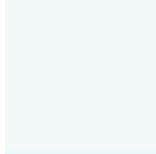
Original Color

221, 254, 249



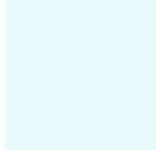
Protanomaly

241, 249, 246



Deuteranomaly

243, 248, 249



Tritanomaly

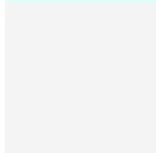
233, 250, 253

Monochromacy



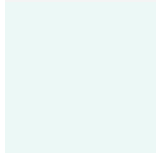
Original Color

221, 254, 249



Achromatopsia

244, 244, 244



Achromatomaly

236, 248, 246

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 254, 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(221, 254, 249)` looks like.

```
.text, #text, p{  
    color:rgb(221, 254, 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(221, 254, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 254, 249) }
```

Border

The CSS property to change the border of an element to RGB 221, 254, 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(221, 254, 249) }
```

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

```
.border{ border-color:rgb(221, 254, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 254, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 254, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 254, 249);  
box-shadow:4px 4px 4px 4px rgb(221, 254,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 221, 254, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 254, 249) }
```

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

```
.background{ background-color: rgb(221,  
254, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor