

Converting Colors

RGB(220, 249, 249)

Have a look what the booklet for
RGB(220, 249, 249) contains.

RGB(220, 249, 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(220, 249, 249)

Conversions

Conversions Part 1

Format	Color
Hex	DCF9F9
RGB	220, 249, 249
RGB Percent	86%, 98%, 98%
CMY	0.1373, 0.0235, 0.0235
CMYK	0.12, 0.00, 0.00, 0.02
HSL	180°, 71%, 92%
HSV	180°, 12%, 98%
XYZ	80.4898, 89.8066, 102.7147
YIQ	240.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

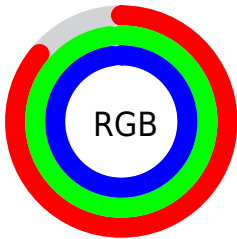
Format	Color
R _{YB}	220, 235, 249
Decimal	14481913
CIE Lab	95.92, -9.35, -3.19
CIE LCh	96, 9.881, 198.836
Yxy	89.8066, 0.2948, 0.3289
Android (android.graphics.Color)	4292671993 (0xFFDC9F9F)
YUV	240.3290, 4.2748, -17.8285
Hunter-Lab	94.7663, -14.2321, 2.0736

Details

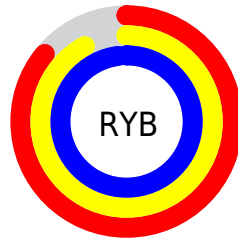
The RGB color **220, 249, 249** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **249, 220, 220**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 255**, and **165, 193, 193** is the 20% darker color. If you saturate the color by 10%, you get **195, 249, 249**, and if you desaturate by 10%, it is **245, 249, 249**.

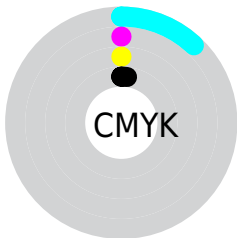
Distribution



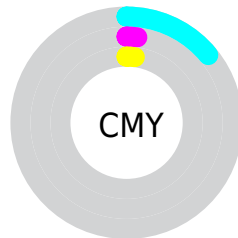
- Red (86%)
- Green (98%)
- Blue (98%)



- Red (86%)
- Yellow (92%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 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 220, 249, 249 by changing the saturation by 10% instead.

 220, 249, 249

255, 255, 255


 220, 249, 249

 192, 220, 220


 165, 193, 193

 138, 165, 165

 113, 139, 139

 88, 114, 114

 64, 89, 89

 41, 66, 66

 19, 43, 44

 0, 24, 23

 220, 249, 249

 220, 249, 249

 195, 249, 249

 245, 249, 249

 170, 249, 249

 255, 249, 249

 145, 249, 249

 120, 249, 249

 96, 249, 249

 71, 249, 249

 46, 249, 249

 21, 249, 249

 0, 249, 249

Harmonies

Analogous

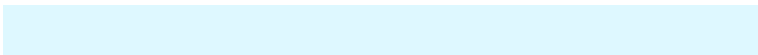
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224, 249, 239



220, 249, 249



222, 248, 255

Triad

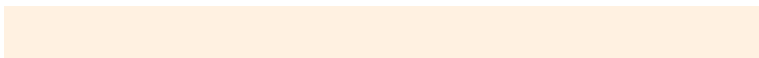
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220, 249, 249



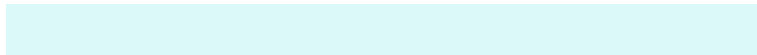
252, 239, 255



255, 241, 225

Complementary

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



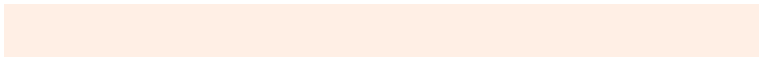
220, 249, 249



249, 220, 220

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, 239, 229



220, 249, 249



255, 237, 247

Square

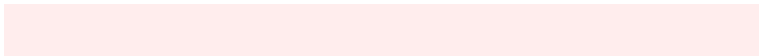
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



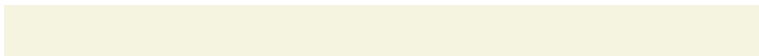
220, 249, 249



241, 242, 255



255, 237, 237



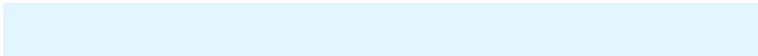
245, 244, 225

Rectangle

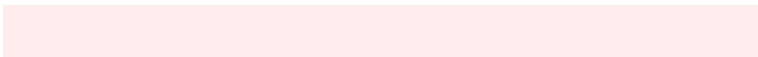
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



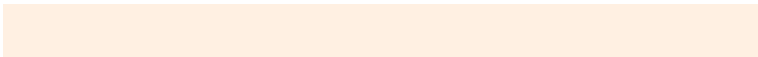
220, 249, 249



226, 246, 255



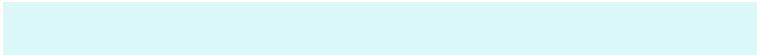
255, 237, 237



255, 240, 226

Sweetspot

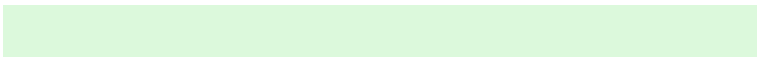
The Sweet Spot groups the original color and five complimentary colors.



220, 249, 249



247, 255, 255



220, 249, 220



122, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

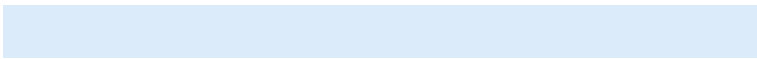
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220, 249, 249



219, 255, 255



220, 235, 249



112, 125, 125



0, 189, 189



0, 61, 61

Inverse Universe

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



249, 220, 249



255, 219, 255



249, 235, 220



125, 112, 125



189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RGB color 220, 249, 249 looks on a white background.

Color Contrast Check

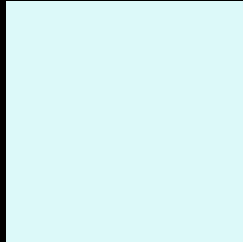
Large Text (above 18pt) WCAG AA × Fail

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 220, 249, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

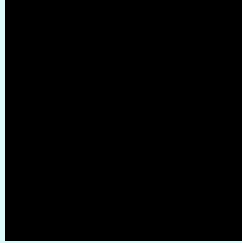
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

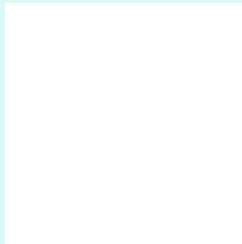
Any Text WCAG AAA ✓ Pass

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

RGB 220, 249, 249 Background



This preview shows how black text looks on a background with the RGB color 220, 249, 249.



This preview shows how white text looks on a background with the RGB color 220, 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

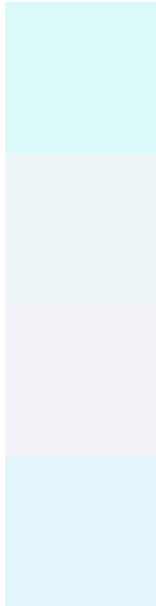




Tritanopia

233, 245, 255

Trichromacy



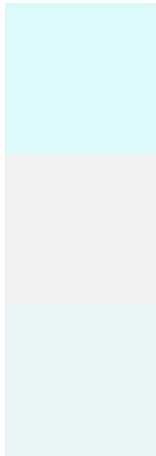
Original Color
220, 249, 249

Protanomaly
237, 245, 246

Deuteranomaly
242, 242, 248

Tritanomaly
228, 246, 253

Monochromacy



Original Color
220, 249, 249

Achromatopsia
240, 240, 240

Achromatomaly
233, 243, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 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(220, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 249, 249) }
```

Border

The CSS property to change the border of an element to RGB 220, 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(220, 249, 249) }
```

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

```
.border{ border-color:rgb(220, 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(220, 249, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(220, 249,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 220, 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(220, 249, 249) }
```

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

```
.background{ background-color: rgb(220,  
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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