

Converting Colors

RGB(210, 248, 249)

Have a look what the booklet for
RGB(210, 248, 249) contains.

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Color

RGB(210, 248, 249)

Conversions

Conversions Part 1

Format	Color
Hex	D2F8F9
RGB	210, 248, 249
RGB Percent	82%, 97%, 98%
CMY	0.1765, 0.0275, 0.0235
CMYK	0.16, 0.00, 0.00, 0.02
HSL	182°, 76%, 90%
HSV	182°, 16%, 98%
XYZ	77.2446, 87.6760, 102.4745
YIQ	236.7520, -22.9690, -7.7450

Conversions

Conversions Part 2

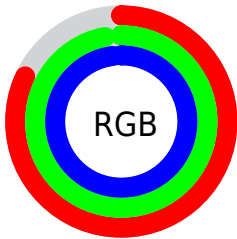
Format	Color
R _Y B	210, 229, 249
Decimal	13826297
CIE Lab	95.02, -11.95, -4.58
CIE LCh	95, 12.797, 200.948
Yxy	87.6760, 0.2889, 0.3279
Android (android.graphics.Color)	4292016377 (0xFFD2F8F9)
YUV	236.7520, 6.0383, -23.4615
Hunter-Lab	93.6355, -16.6084, 0.6580

Details

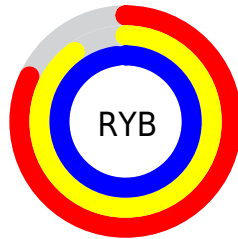
The RGB color **210, 248, 249** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **249, 211, 210**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 192, 193** is the 20% darker color. If you saturate the color by 10%, you get **185, 247, 249**, and if you desaturate by 10%, it is **235, 249, 249**.

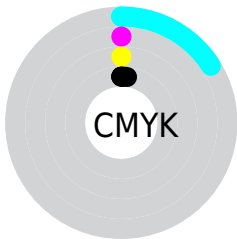
Distribution



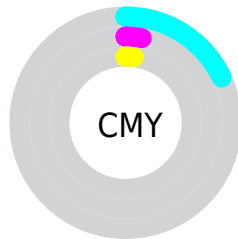
- Red (82%)
- Green (97%)
- Blue (98%)



- Red (82%)
- Yellow (90%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 248, 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 210, 248, 249 by changing the saturation by 10% instead.

210, 248, 249

210, 248, 249

255, 255, 255

182, 219, 220

155, 192, 193

129, 164, 165

103, 138, 139

78, 113, 114

54, 88, 89

31, 65, 66

6, 43, 44

0, 23, 23

 210, 248, 249

 210, 248, 249

 185, 247, 249

 235, 249, 249

 160, 247, 249

 255, 249, 249

 135, 246, 249

 255, 250, 249

 110, 245, 249

 255, 251, 249

 85, 245, 249

 255, 251, 249

 61, 244, 249

 255, 252, 249

 36, 244, 249

 255, 252, 249

 11, 243, 249

 255, 253, 249

 0, 243, 249

 255, 254, 249

Harmonies

Analogous

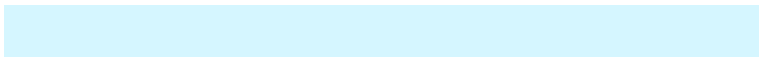
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216, 248, 236



210, 248, 249



213, 246, 255

Triad

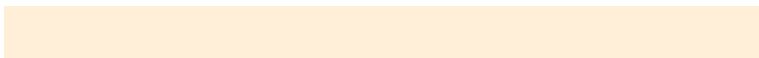
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210, 248, 249



253, 235, 255



255, 239, 216

Complementary

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



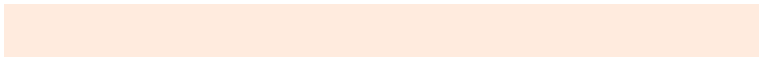
210, 248, 249



249, 211, 210

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, 235, 222



210, 248, 249



255, 233, 245

Square

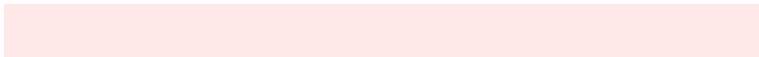
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210, 248, 249



239, 239, 255



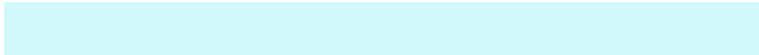
255, 233, 232



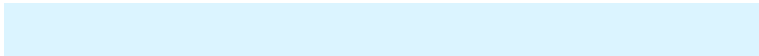
241, 243, 218

Rectangle

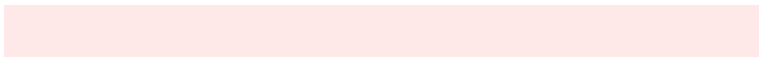
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



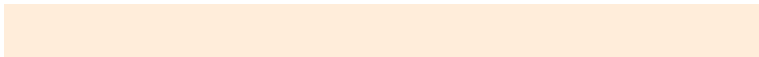
210, 248, 249



219, 244, 255



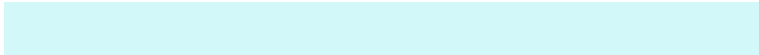
255, 233, 232



255, 237, 218

Sweetspot

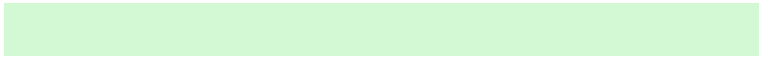
The Sweet Spot groups the original color and five complimentary colors.



210, 248, 249



242, 255, 255



210, 249, 211



120, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

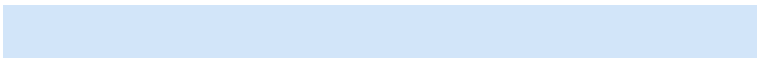
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210, 248, 249



207, 254, 255



210, 229, 249



112, 125, 125



0, 184, 189



0, 60, 61

Inverse Universe

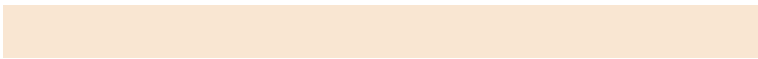
The Inverse Universe completely reimagines the original color for something new.



249, 210, 248



255, 207, 254



249, 230, 210



125, 112, 125



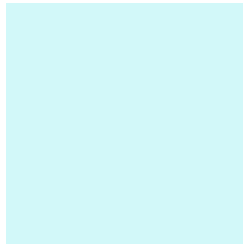
189, 0, 184



61, 0, 60

Previews

White Background



This preview shows how the RGB color 210, 248, 249 looks on a white background.

Color Contrast Check

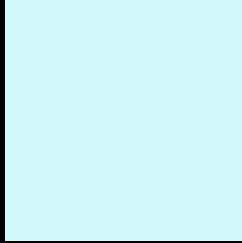
Large Text (above 18pt) WCAG AA × Fail

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 210, 248, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

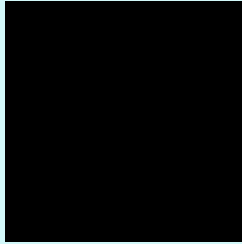
Any Text WCAG AA ✓ Pass

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 210, 248, 249 Background



This preview shows how black text looks on a background with the RGB color 210, 248, 249.



This preview shows how white text looks on a background with the RGB color 210, 248, 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

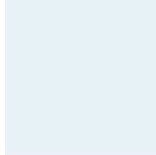
225, 243, 255

Trichromacy



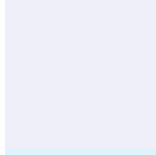
Original Color

210, 248, 249



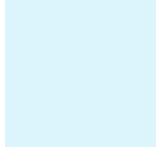
Protanomaly

231, 242, 246



Deuteranomaly

239, 239, 250



Tritanomaly

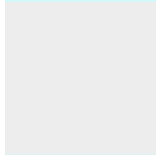
220, 245, 253

Monochromacy



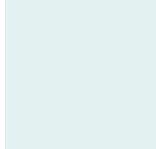
Original Color

210, 248, 249



Achromatopsia

237, 237, 237



Achromatomaly

227, 241, 241

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 248, 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(210, 248, 249)` looks like.

```
.text, #text, p{  
    color:rgb(210, 248, 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(210, 248, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 248, 249) }
```

Border

The CSS property to change the border of an element to RGB 210, 248, 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(210, 248, 249) }
```

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

```
.border{ border-color:rgb(210, 248, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 248, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 248, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 248, 249);  
box-shadow:4px 4px 4px 4px rgb(210, 248,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 210, 248, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 248, 249) }
```

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

```
.background{ background-color: rgb(210,  
248, 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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