

Converting Colors

RGB(196, 250, 250)

Have a look what the booklet for
RGB(196, 250, 250) contains.

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Color

RGB(196, 250, 250)

Conversions

Conversions Part 1

Format	Color
Hex	C4FAFA
RGB	196, 250, 250
RGB Percent	77%, 98%, 98%
CMY	0.2314, 0.0196, 0.0196
CMYK	0.22, 0.00, 0.00, 0.02
HSL	180°, 84%, 87%
HSV	180°, 22%, 98%
XYZ	74.2059, 87.0091, 103.3259
YIQ	233.8540, -32.1840, -11.4480

Conversions

Conversions Part 2

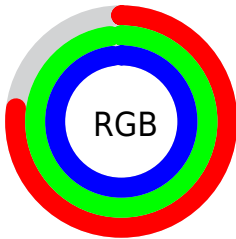
Format	Color
R_{YB}	196, 223, 250
Decimal	12909306
CIE _{Lab}	94.74, -16.94, -5.60
CIE _{LCh}	95, 17.838, 198.307
Yxy	87.0091, 0.2805, 0.3289
Android (android.graphics.Color)	4291099386 (0xFFC4FAFA)
YUV	233.8540, 7.9600, -33.1980
Hunter-Lab	93.2787, -21.2358, -0.3811

Details

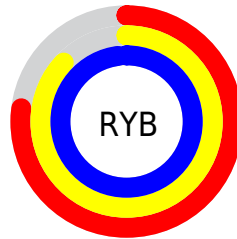
The RGB color **196, 250, 250** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **250, 196, 196**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **253, 255, 255**, and **141, 193, 194** is the 20% darker color. If you saturate the color by 10%, you get **171, 250, 250**, and if you desaturate by 10%, it is **221, 250, 250**.

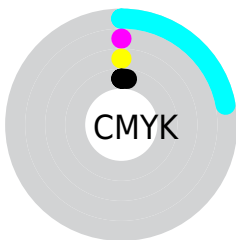
Distribution



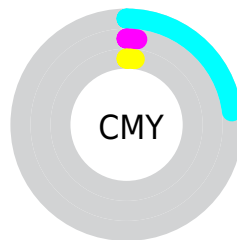
- Red (77%)
- Green (98%)
- Blue (98%)



- Red (77%)
- Yellow (87%)
- Blue (98%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (23%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 250, 250 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 196, 250, 250 by changing the saturation by 10% instead.


 196, 250, 250

 196, 250, 250


255, 255, 255


 168, 221, 221

253, 255, 255

 141, 193, 194

 114, 166, 166

 89, 140, 140

 63, 114, 115

 38, 89, 90


 7, 66, 67


 0, 44, 45

 0, 24, 24

 196, 250, 250

 196, 250, 250

 171, 250, 250

 221, 250, 250

 146, 250, 250

 246, 250, 250

 121, 250, 250

 255, 250, 250

 96, 250, 250

 71, 250, 250

 46, 250, 250

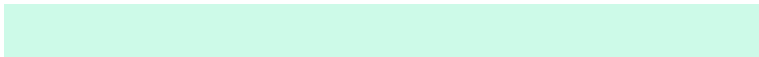
 21, 250, 250

 0, 250, 250

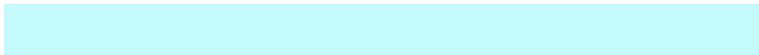
Harmonies

Analogous

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



205, 250, 232



196, 250, 250



199, 248, 255

Triad

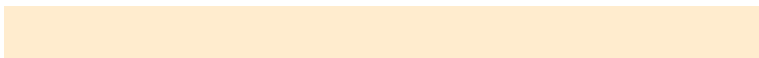
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



196, 250, 250



255, 232, 255



255, 236, 206

Complementary

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



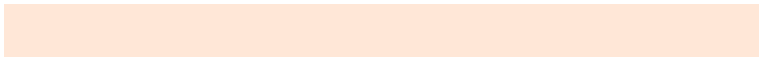
196, 250, 250



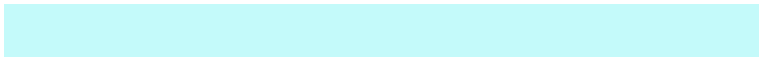
250, 196, 196

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, 231, 215



196, 250, 250



255, 229, 247

Square

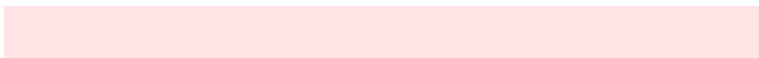
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



196, 250, 250



235, 238, 255



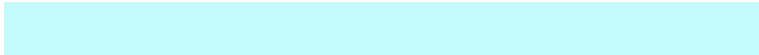
255, 228, 230



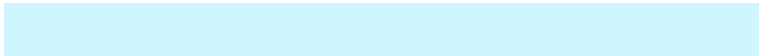
242, 242, 207

Rectangle

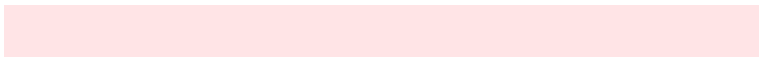
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



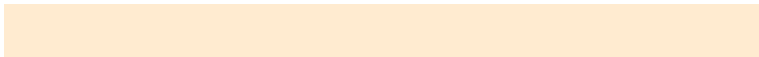
196, 250, 250



207, 245, 255



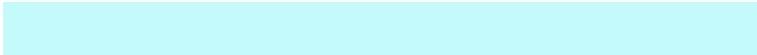
255, 228, 230



255, 235, 208

Sweetspot

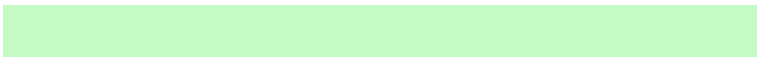
The Sweet Spot groups the original color and five complimentary colors.



196, 250, 250



240, 255, 255



196, 250, 196



119, 128, 128



0, 0, 0



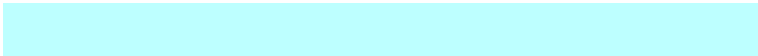
128, 128, 128

Same Dimension

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



196, 250, 250



189, 255, 255



196, 223, 250



112, 125, 125



0, 189, 189



0, 61, 61

Inverse Universe

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



250, 196, 250



255, 189, 255



250, 223, 196



125, 112, 125



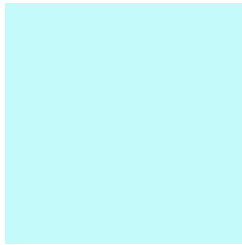
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RGB color 196, 250, 250 looks on a white background.

Color Contrast Check

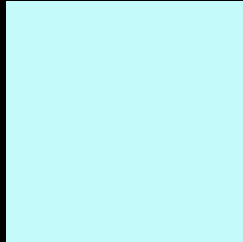
Large Text (above 18pt) WCAG AA × Fail

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 196, 250, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

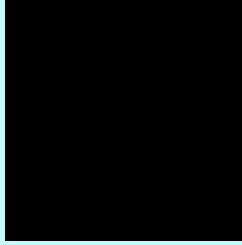
Any Text WCAG AA ✓ Pass

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 196, 250, 250 Background



This preview shows how black text looks on a background with the RGB color 196, 250, 250.

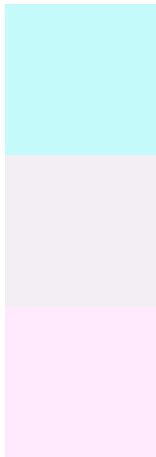


This preview shows how white text looks on a background with the RGB color 196, 250, 250.

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
196, 250, 250

Protanopia
242, 238, 243

Deuteranopia
255, 233, 253



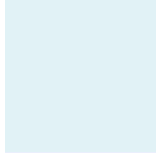
Tritanopia
219, 244, 255

Trichromacy



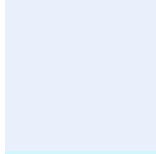
Original Color

196, 250, 250



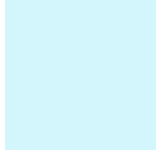
Protanomaly

225, 242, 246



Deuteranomaly

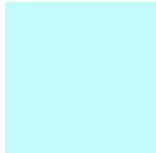
234, 239, 252



Tritanomaly

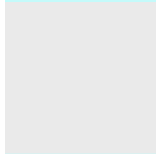
211, 246, 253

Monochromacy



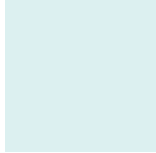
Original Color

196, 250, 250



Achromatopsia

234, 234, 234



Achromatomaly

220, 240, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 250, 250 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(196, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(196, 250, 250)  
}
```

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(196, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 250, 250) }
```

Border

The CSS property to change the border of an element to RGB 196, 250, 250 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(196, 250, 250) }
```

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

```
.border{ border-color:rgb(196, 250, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(196, 250,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 196, 250, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 250, 250) }
```

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

```
.background{ background-color: rgb(196,  
250, 250) }
```

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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