

Converting Colors

RGB(196, 255, 253)

Have a look what the booklet for
RGB(196, 255, 253) contains.

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Color

RGB(196, 255, 253)

Conversions

Conversions Part 1

Format	Color
Hex	C4FFFD
RGB	196, 255, 253
RGB Percent	77%, 100%, 99%
CMY	0.2314, 0.0000, 0.0078
CMYK	0.23, 0.00, 0.01, 0.00
HSL	178°, 100%, 88%
HSV	178°, 23%, 100%
XYZ	76.2546, 90.3476, 106.3483
YIQ	237.1310, -34.5220, -13.1300

Conversions

Conversions Part 2

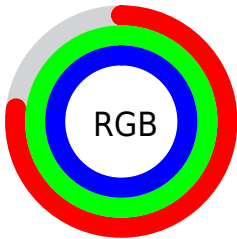
Format	Color
R_{YB}	196, 226, 255
Decimal	12910589
CIE _{Lab}	96.14, -18.77, -5.09
CIE _{LCh}	96, 19.443, 195.175
Yxy	90.3476, 0.2794, 0.3310
Android (android.graphics.Color)	4291100669 (0xFFC4FFFD)
YUV	237.1310, 7.8234, -36.0719
Hunter-Lab	95.0514, -23.1390, 0.1993

Details

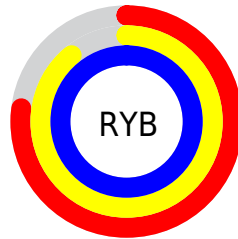
The RGB color **196, 255, 253** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 196, 198**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 254, 255, 255, and **141, 198, 196** is the 20% darker color. If you saturate the color by 10%, you get **171, 255, 252**, and if you desaturate by 10%, it is **222, 255, 254**.

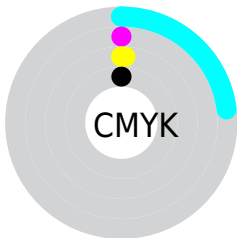
Distribution



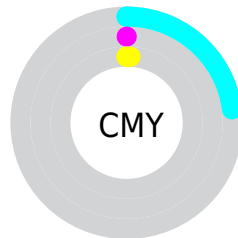
- Red (77%)
- Green (100%)
- Blue (99%)



- Red (77%)
- Yellow (89%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 255, 253 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, 255, 253 by changing the saturation by 10% instead.


 196, 255, 253

255, 255, 255


254, 255, 255


 196, 255, 253

 168, 226, 224

 141, 198, 196

 114, 171, 169

 88, 144, 143

 62, 118, 117

 36, 94, 93

 3, 70, 69

 0, 47, 47

 0, 28, 26

■ 196, 255, 253

■ 196, 255, 253

■ 171, 255, 252

■ 222, 255, 254

■ 145, 255, 251

■ 247, 255, 255

■ 120, 255, 250

255, 255, 255

■ 94, 255, 250

■ 69, 255, 249

■ 43, 255, 248

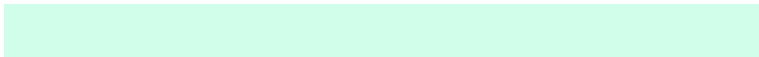
■ 18, 255, 247

■ 0, 255, 246

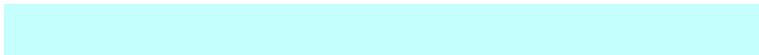
Harmonies

Analogous

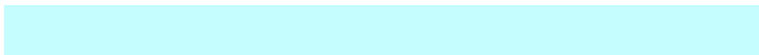
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208, 254, 234



196, 255, 253



197, 253, 255

Triad

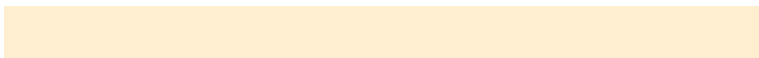
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



196, 255, 253



255, 236, 255



255, 239, 208

Complementary

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



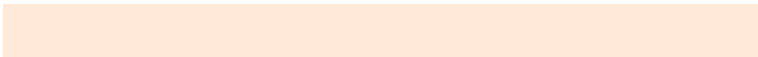
196, 255, 253



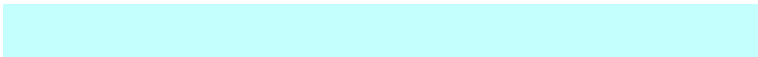
255, 196, 198

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, 234, 218



196, 255, 253



255, 232, 254

Square

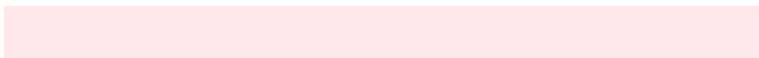
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



196, 255, 253



236, 242, 255



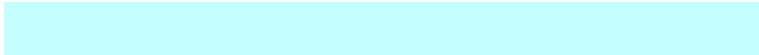
255, 231, 235



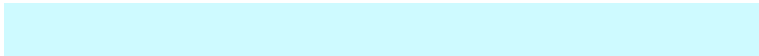
249, 246, 208

Rectangle

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



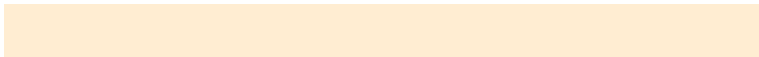
196, 255, 253



206, 250, 255



255, 231, 235



255, 237, 210

Sweetspot

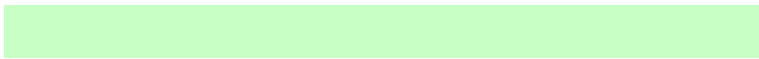
The Sweet Spot groups the original color and five complimentary colors.



196, 255, 253



237, 255, 254



199, 255, 196



117, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

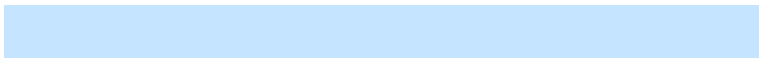
The Same Dimension uses a secret algorithm to generate beautiful new colors.



196, 255, 253



184, 255, 253



196, 228, 255



115, 128, 127



0, 191, 185



0, 64, 62

Inverse Universe

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



255, 196, 198



255, 184, 186



255, 223, 196



128, 115, 115



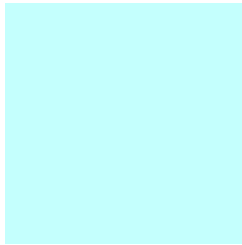
191, 0, 6



64, 0, 2

Previews

White Background



This preview shows how the RGB color 196, 255, 253 looks on a white background.

Color Contrast Check

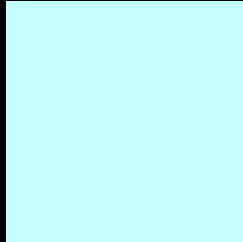
Large Text (above 18pt) WCAG AA × Fail

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, 255, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

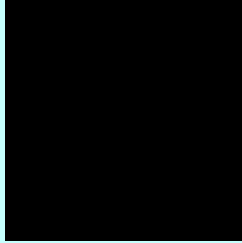
Any Text WCAG AA ✓ Pass

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, 255, 253 Background



This preview shows how black text looks on a background with the RGB color 196, 255, 253.

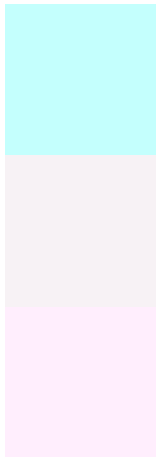


This preview shows how white text looks on a background with the RGB color 196, 255, 253.

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, 255, 253

Protanopia
247, 242, 245

Deuteranopia
255, 238, 253



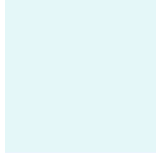
Tritanopia
228, 247, 255

Trichromacy



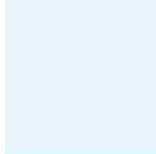
Original Color

196, 255, 253



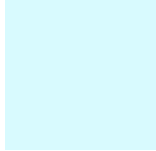
Protanomaly

228, 247, 248



Deuteranomaly

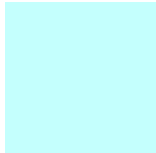
234, 244, 253



Tritanomaly

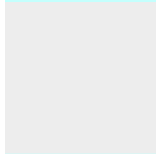
216, 250, 254

Monochromacy



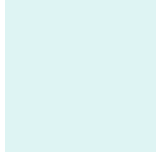
Original Color

196, 255, 253



Achromatopsia

237, 237, 237



Achromatomaly

222, 244, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 255, 253 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, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 253)  
}
```

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, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 253) }
```

Border

The CSS property to change the border of an element to RGB 196, 255, 253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

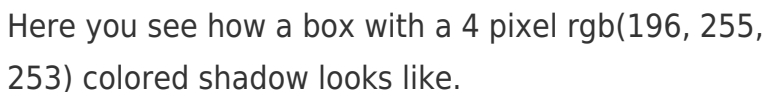
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 255, 253) }
```

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

```
.border{ border-color:rgb(196, 255, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 255, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 255, 253); box-shadow:4px 4px 4px 4px rgb(196, 255, 253) }
```

Background

The CSS property to change the background color of an element to RGB 196, 255, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 253) }
```

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

```
.background{ background-color: rgb(196,  
255, 253) }
```

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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