

Converting Colors

RGB(196, 255, 234)

Have a look what the booklet for
RGB(196, 255, 234) contains.

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Color

RGB(196, 255, 234)

Conversions

Conversions Part 1

Format	Color
Hex	C4FFEA
RGB	196, 255, 234
RGB Percent	77%, 100%, 92%
CMY	0.2314, 0.0000, 0.0824
CMYK	0.23, 0.00, 0.08, 0.00
HSL	159°, 100%, 88%
HSV	159°, 23%, 100%
XYZ	73.3762, 89.1963, 91.1912
YIQ	234.9650, -28.4230, -19.0390

Conversions

Conversions Part 2

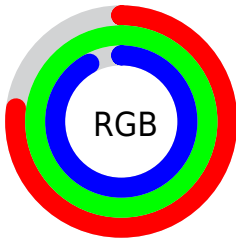
Format	Color
RYB	196, 232, 255
Decimal	12910570
CIELab	95.66, -22.62, 4.00
CIELCh	96, 22.975, 169.974
Yxy	89.1963, 0.2892, 0.3515
Android (android.graphics.Color)	4291100650 (0xFFC4FFEA)
YUV	234.9650, -0.4757, -34.1723
Hunter-Lab	94.4438, -26.5946, 8.8626

Details

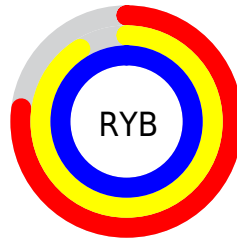
The RGB color **196, 255, 234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 196, 217**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **253, 255, 255**, and **141, 198, 178** is the 20% darker color. If you saturate the color by 10%, you get **171, 255, 225**, and if you desaturate by 10%, it is **222, 255, 243**.

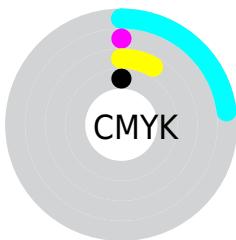
Distribution



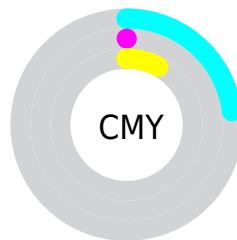
- Red (77%)
- Green (100%)
- Blue (92%)



- Red (77%)
- Yellow (91%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 255, 234 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, 234 by changing the saturation by 10% instead.


 196, 255, 234

255, 255, 255


253, 255, 255


 196, 255, 234

 168, 226, 206

 141, 198, 178

 115, 171, 152

 89, 144, 126

 64, 118, 101

 38, 93, 77

 9, 69, 54

 0, 47, 33

 0, 28, 10

■ 196, 255, 234

■ 196, 255, 234

■ 171, 255, 225

■ 222, 255, 243

■ 145, 255, 216

■ 247, 255, 252

■ 120, 255, 207

255, 255, 255

■ 94, 255, 198

■ 69, 255, 189

■ 43, 255, 180

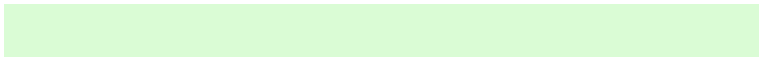
■ 18, 255, 170

■ 0, 255, 164

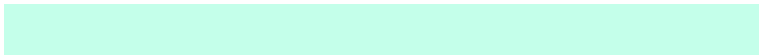
Harmonies

Analogous

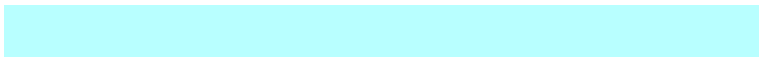
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218, 252, 213



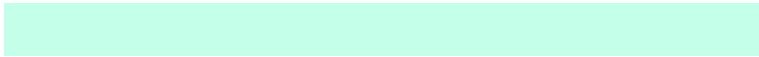
196, 255, 234



184, 255, 255

Triad

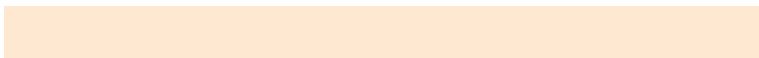
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



196, 255, 234



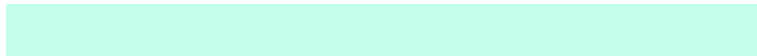
237, 239, 255



255, 232, 209

Complementary

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



196, 255, 234



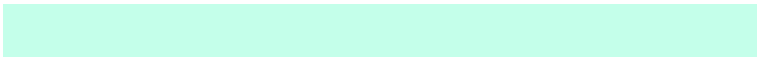
255, 196, 217

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, 227, 228



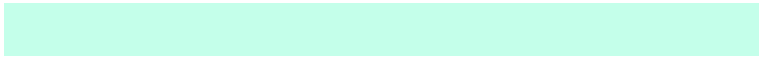
196, 255, 234



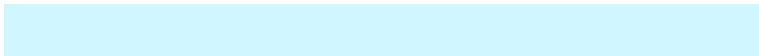
255, 232, 255

Square

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



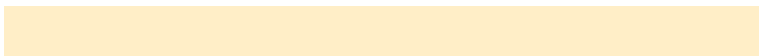
196, 255, 234



208, 247, 255



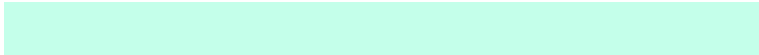
255, 228, 251



255, 238, 199

Rectangle

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



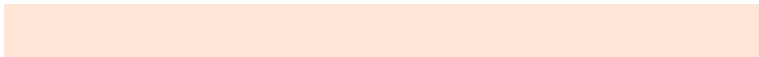
196, 255, 234



184, 254, 255



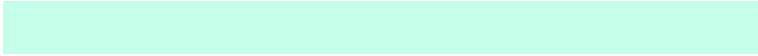
255, 228, 251



255, 230, 215

Sweetspot

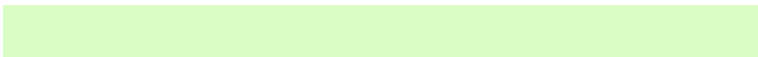
The Sweet Spot groups the original color and five complimentary colors.



196, 255, 234



237, 255, 249



218, 255, 196



117, 128, 124



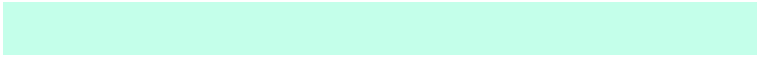
0, 0, 0



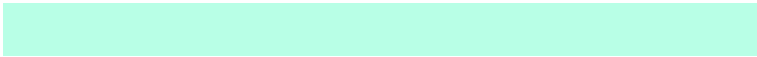
128, 128, 128

Same Dimension

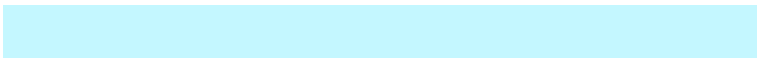
The Same Dimension uses a secret algorithm to generate beautiful new colors.



196, 255, 234



184, 255, 230



196, 247, 255



115, 128, 123



0, 191, 123



0, 64, 41

Inverse Universe

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



255, 196, 217



255, 184, 209



255, 204, 196



128, 115, 119



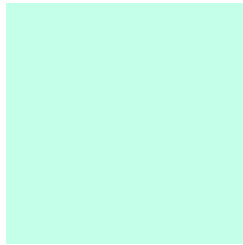
191, 0, 68



64, 0, 23

Previews

White Background



This preview shows how the RGB color 196, 255, 234 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, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

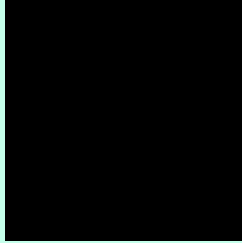
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

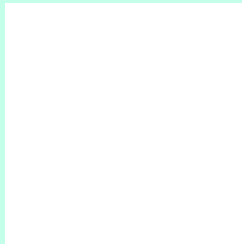
Any Text WCAG AAA ✓ Pass

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

RGB 196, 255, 234 Background



This preview shows how black text looks on a background with the RGB color 196, 255, 234.



This preview shows how white text looks on a background with the RGB color 196, 255, 234.

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

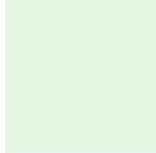
225, 245, 255

Trichromacy



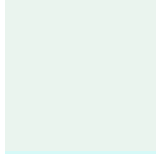
Original Color

196, 255, 234



Protanomaly

230, 246, 229



Deuteranomaly

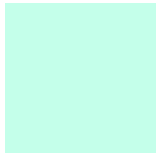
234, 244, 238



Tritanomaly

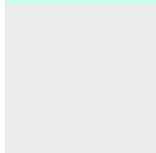
214, 249, 247

Monochromacy



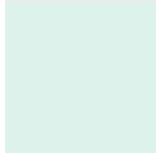
Original Color

196, 255, 234



Achromatopsia

235, 235, 235



Achromatomaly

221, 242, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 255, 234 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 234) }
```

Border

The CSS property to change the border of an element to RGB 196, 255, 234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

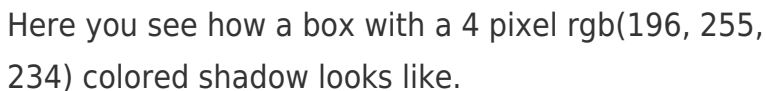
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 255, 234) }
```

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

```
.border{ border-color:rgb(196, 255, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 255, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 255, 234); box-shadow:4px 4px 4px 4px rgb(196, 255, 234) }
```

Background

The CSS property to change the background color of an element to RGB 196, 255, 234 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, 234) }
```

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

```
.background{ background-color: rgb(196,  
255, 234) }
```

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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