

Converting Colors

CIELCh(95, 15.967, 208.987)

Have a look what the booklet for
CIELCh(95, 15.967, 208.987)
contains.

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Color

CIELCh(95, 16.016, 209.631)

Conversions

Conversions Part 1

Format	Color
Hex	C9F9FF
RGB	201, 249, 255
RGB Percent	79%, 98%, 100%
CMY	0.2107, 0.0224, 0.0000
CMYK	0.21, 0.02, 0.00, 0.00
HSL	186°, 100%, 89%
HSV	186°, 21%, 100%
XYZ	76.2185, 87.6183, 107.7402
YIQ	235.3320, -30.5340, -8.3100

Conversions

Conversions Part 2

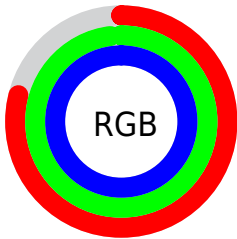
Format	Color
R_{YB}	201, 226, 255
Decimal	13236735
CIE _{Lab}	95.00, -13.92, -7.92
CIE _{LCh}	95, 16.016, 209.631
Yxy	87.6183, 0.2807, 0.3226
Android (android.graphics.Color)	4291426815 (0xFFC9F9FF)
YUV	235.3320, 9.6963, -30.1092
Hunter-Lab	93.6047, -18.4628, -2.7203

Details

The CIELCh color **95, 16.016, 209.631** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 18.511, 29.892**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 16.106, 207.958** is the 20% darker color. If you saturate the color by 10%, you get **93, 22.730, 209.171**, and if you desaturate by 10%, it is **97, 8.669, 209.173**.

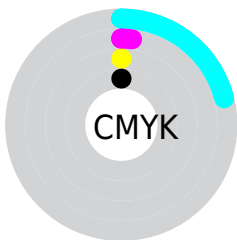
Distribution



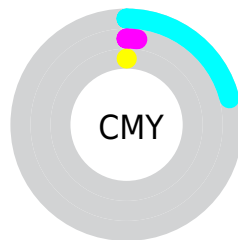
- Red (79%)
- Green (98%)
- Blue (100%)



- Red (79%)
- Yellow (89%)
- Blue (100%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 16.016, 209.631 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 CIELCh color 95, 16.016, 209.631 by changing the saturation by 10% instead.


 95, 16.016,
209.631


 95, 16.016,
209.631


 100, 16.016,
209.631


 85, 16.016,
209.631

 75, 16.016,
209.631

 65, 16.016,
209.631

 55, 16.016,
209.631

 45, 16.016,
209.631

 35, 16.016,
209.631

 25, 16.016,

209.631

■ 15, 16.016,
209.631

■ 5, 16.016, 209.631

■ 95, 16.016,
209.631

■ 95, 16.016,
209.631

■ 93, 22.730,
209.171

■ 97, 8.669, 209.173

■ 91, 28.719,
209.400

■ 100, 0.859,
210.007

■ 89, 33.839,
209.819

■ 100, 0.012,
296.813

■ 88, 37.980,
210.467

■ 86, 41.068,
211.385

■ 85, 43.090,
212.619

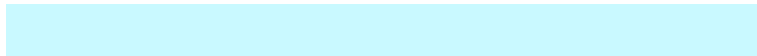
■ 84, 44.110,
214.207

■ 83, 44.365,
215.911

Harmonies

Complementary

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



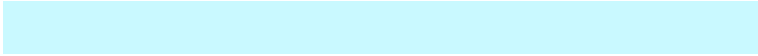
95, 16.016, 209.631



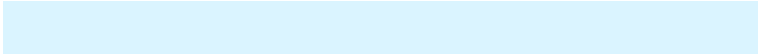
87, 18.511, 29.892

Rectangle

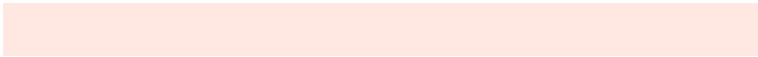
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



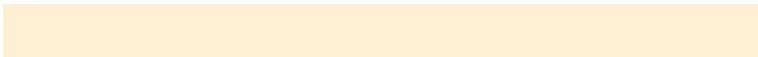
95, 16.016, 209.631



95, 16.016, 259.631



95, 16.016, 29.631



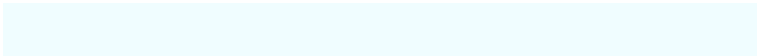
95, 16.016, 79.631

Sweetspot

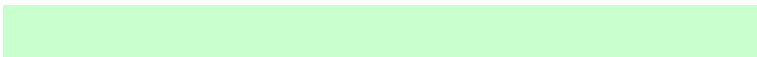
The Sweet Spot groups the original color and five complimentary colors.



95, 16.002, 209.099



99, 4.763, 209.293



95, 31.428, 145.847



52, 3.154, 209.271



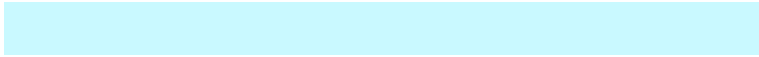
0, 0.000, 0.000



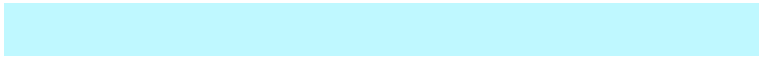
53, 0.007, 296.813

Same Dimension

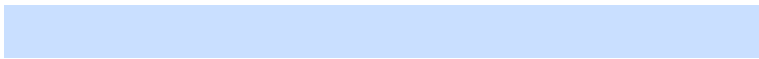
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 16.002, 209.099



94, 18.727, 209.110



88, 18.045, 268.569



52, 4.472, 209.200



64, 35.778, 215.533



21, 16.620, 212.955

Inverse Universe

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



87, 31.341, 328.700



85, 37.192, 328.937



93, 18.470, 82.658



50, 8.420, 327.998



44, 85.616, 332.990



12, 39.784, 332.358

Previews

White Background



This preview shows how the CIE LCh color 95, 16.016, 209.631 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 CIELCh color 95, 16.016, 209.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

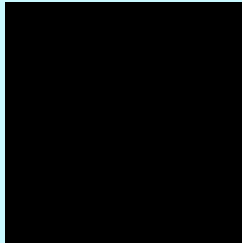
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 16.016, 209.631

Background



This preview shows how black text looks on a background with the CIELCh color 95, 16.016, 209.631.

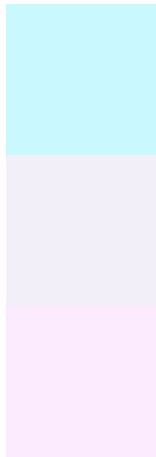


This preview shows how white text looks on a background with the CIELCh color 95, 16.016, 209.631.

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](#).

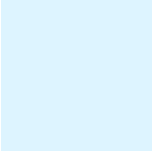
Dichromacy



Original Color
95, 16.016, 209.631

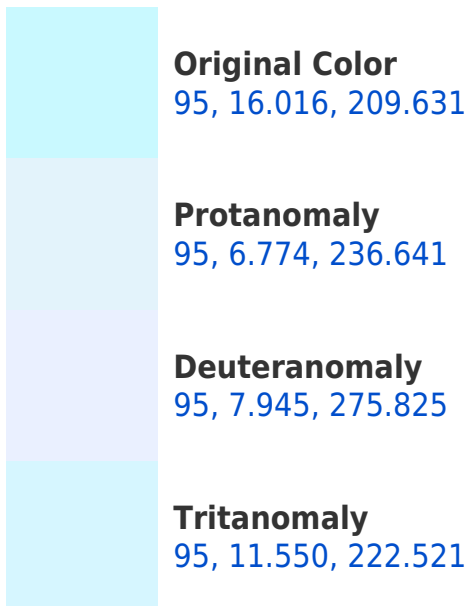
Protanopia
95, 5.267, 302.023

Deuteranopia
95, 12.552, 320.856



Tritanopia
95, 9.485, 235.741

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 16.016, 209.631 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(201, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 249, 255)  
}
```

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(201, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 249, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 16.016, 209.631 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(201, 249, 255) }
```

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

```
.border{ border-color:rgb(201, 249, 255) }
```

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

Here you see how a box with a 4 pixel rgb(201, 249, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 249,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 16.016, 209.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 249, 255) }
```

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

```
.background{ background-color: rgb(201,  
249, 255) }
```

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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