

Converting Colors

CIELCh(96, 23.344, 252.602)

Have a look what the booklet for
CIELCh(96, 23.344, 252.602)
contains.

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Color

CIELCh(95, 15.713, 209.866)

Conversions

Conversions Part 1

Format	Color
Hex	CAF9FF
RGB	202, 249, 255
RGB Percent	79%, 98%, 100%
CMY	0.2074, 0.0231, 0.0000
CMYK	0.21, 0.02, 0.00, 0.00
HSL	187°, 100%, 90%
HSV	187°, 21%, 100%
XYZ	76.3640, 87.6183, 107.5880
YIQ	235.6310, -29.9380, -8.0980

Conversions

Conversions Part 2

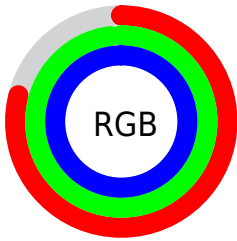
Format	Color
R_{YB}	202, 227, 255
Decimal	13302271
CIE _{Lab}	95.00, -13.63, -7.82
CIE _{LCh}	95, 15.713, 209.866
Yxy	87.6183, 0.2812, 0.3226
Android (android.graphics.Color)	4291492351 (0xFFCAF9FF)
YUV	235.6310, 9.5489, -29.4944
Hunter-Lab	93.6047, -18.1854, -2.6239

Details

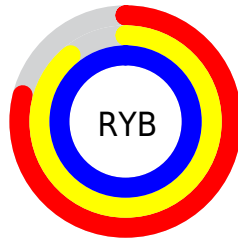
The CIELCh color **95, 15.713, 209.866** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 18.126, 30.330**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 15.800, 208.169** is the 20% darker color. If you saturate the color by 10%, you get **93, 22.431, 209.743**, and if you desaturate by 10%, it is **97, 8.386, 209.702**.

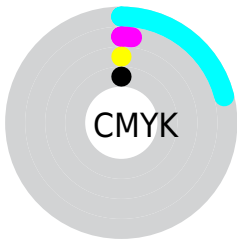
Distribution



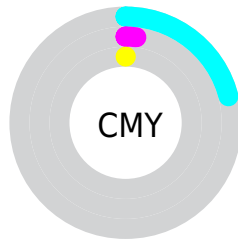
- Red (79%)
- Green (98%)
- Blue (100%)



- 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, 15.713, 209.866 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, 15.713, 209.866 by changing the saturation by 10% instead.


 95, 15.713,
209.866


 95, 15.713,
209.866


 100, 15.713,
209.866


 85, 15.713,
209.866

 75, 15.713,
209.866

 65, 15.713,
209.866

 55, 15.713,
209.866

 45, 15.713,
209.866

 35, 15.713,
209.866

 25, 15.713,

209.866

■ 15, 15.713,
209.866

■ 5, 15.713, 209.866

■ 95, 15.713,
209.866

■ 95, 15.713,
209.866

■ 93, 22.431,
209.743

■ 97, 8.386, 209.702

■ 91, 28.424,
210.000

100, 0.594,
210.861

■ 89, 33.556,
210.453

100, 0.012,
296.813

■ 87, 37.718,
211.142

■ 86, 40.833,
212.111

■ 85, 42.887,
213.408

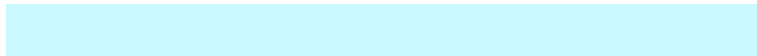
■ 84, 43.941,
215.075

■ 83, 44.223,
216.936

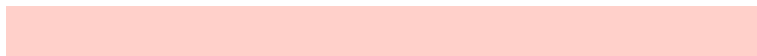
Harmonies

Complementary

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



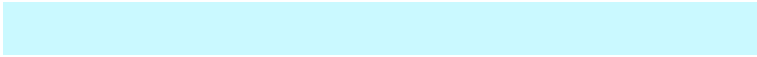
95, 15.713, 209.866



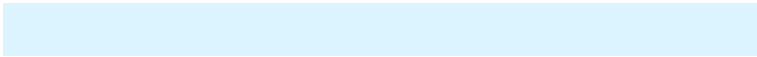
87, 18.126, 30.330

Rectangle

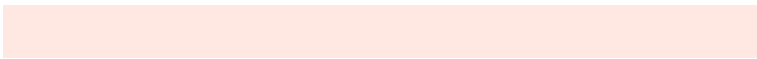
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



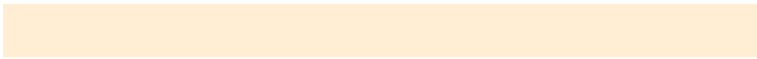
95, 15.713, 209.866



95, 15.713, 259.866



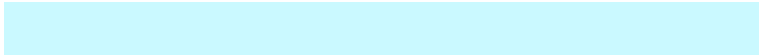
95, 15.713, 29.866



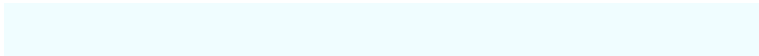
95, 15.713, 79.866

Sweetspot

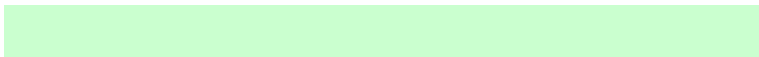
The Sweet Spot groups the original color and five complimentary colors.



95, 15.707, 209.648



98, 4.743, 209.806



95, 30.938, 145.873



52, 3.141, 209.786



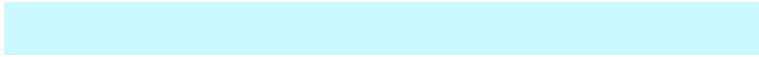
0, 0.000, 0.000



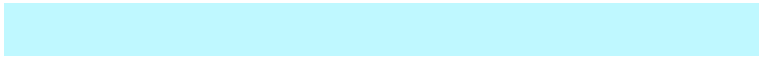
53, 0.007, 296.813

Same Dimension

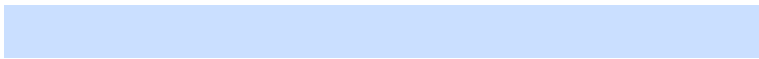
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 15.707, 209.648



94, 18.652, 209.670



88, 17.763, 268.512



52, 4.454, 209.721



64, 35.662, 216.537



21, 16.562, 213.816

Inverse Universe

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



87, 30.748, 328.835



85, 37.067, 329.093



94, 18.173, 82.702



50, 8.391, 328.150



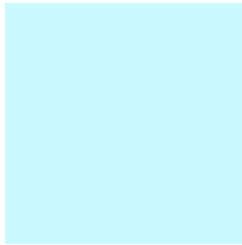
44, 85.288, 333.237



12, 39.650, 332.569

Previews

White Background



This preview shows how the CIE LCh color 95, 15.713, 209.866 looks on a white background.

Color Contrast Check

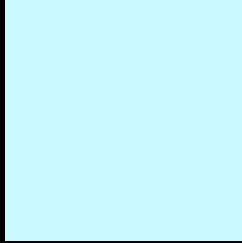
Large Text (above 18pt) WCAG AA × Fail

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, 15.713, 209.866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

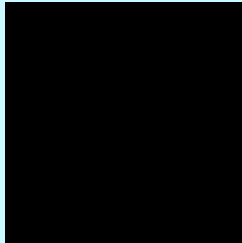
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 15.713, 209.866

Background



This preview shows how black text looks on a background with the CIELCh color 95, 15.713, 209.866.

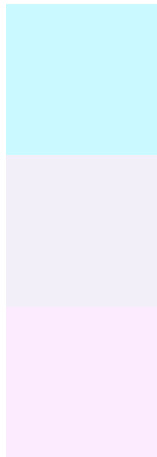


This preview shows how white text looks on a background with the CIELCh color 95, 15.713, 209.866.

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](#).

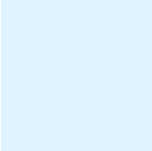
Dichromacy



Original Color
95, 15.713, 209.866

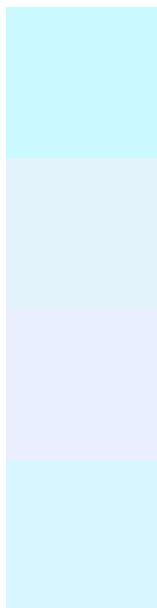
Protanopia
95, 5.267, 302.023

Deuteranopia
95, 12.552, 320.856



Tritanopia
95, 9.224, 236.971

Trichromacy



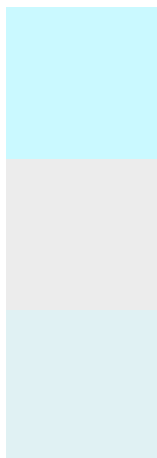
Original Color
95, 15.713, 209.866

Protanomaly
95, 6.774, 236.641

Deuteranomaly
95, 8.378, 279.057

Tritanomaly
95, 11.256, 223.194

Monochromacy



Original Color
95, 15.713, 209.866

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 5.947, 209.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 15.713, 209.866 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(202, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 249, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 15.713, 209.866 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(202, 249, 255) }
```

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

```
.border{ border-color:rgb(202, 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(202, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 249,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 15.713, 209.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 249, 255) }
```

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

```
.background{ background-color: rgb(202,  
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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