

Converting Colors

CIELCh(95, 16.626, 209.179)

Have a look what the booklet for
CIELCh(95, 16.626, 209.179)
contains.

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Color

CIELCh(95, 16.571, 207.392)

Conversions

Conversions Part 1

Format	Color
Hex	C8FAFF
RGB	200, 250, 255
RGB Percent	78%, 98%, 100%
CMY	0.2169, 0.0208, 0.0012
CMYK	0.22, 0.02, 0.00, 0.00
HSL	185°, 99%, 89%
HSV	185°, 22%, 100%
XYZ	75.8296, 87.6183, 107.2631
YIQ	235.6200, -31.4050, -9.0450

Conversions

Conversions Part 2

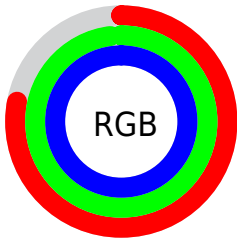
Format	Color
R_{YB}	200, 226, 255
Decimal	13171455
CIE _{Lab}	95.00, -14.71, -7.62
CIE _{LCh}	95, 16.571, 207.392
Yxy	87.6183, 0.2801, 0.3237
Android (android.graphics.Color)	4291361535 (0xFFC8FAFF)
YUV	235.6200, 9.5543, -31.2387
Hunter-Lab	93.6047, -19.2045, -2.4181

Details

The CIELCh color **95, 16.571, 207.392** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 19.242, 28.510**, 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, 16.411, 207.755** is the 20% darker color. If you saturate the color by 10%, you get **93, 23.344, 207.375**, and if you desaturate by 10%, it is **97, 9.177, 207.527**.

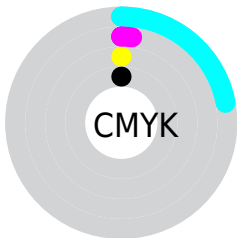
Distribution



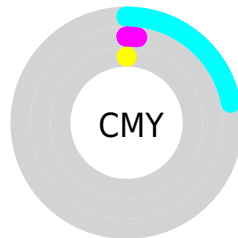
- Red (78%)
- Green (98%)
- Blue (100%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 16.571, 207.392 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, 16.571, 207.392 by changing the saturation by 10% instead.


 95, 16.571,
207.392


 95, 16.571,
207.392


 100, 16.571,
207.392


 85, 16.571,
207.392

 75, 16.571,
207.392

 65, 16.571,
207.392

 55, 16.571,
207.392

 45, 16.571,
207.392

 35, 16.571,
207.392

 25, 16.571,

207.392

■ 15, 16.571,
207.392

■ 5, 16.571, 207.392

■ 95, 16.571,
207.392

■ 95, 16.571,
207.392

■ 93, 23.344,
207.375

■ 97, 9.177, 207.527

■ 91, 29.360,
207.508

■ 100, 1.292,
208.168

■ 90, 34.488,
207.811

100, 0.144,
109.630

■ 88, 38.619,
208.315

■ 87, 41.682,
209.058

■ 86, 43.666,
210.075

■ 85, 44.640,
211.395

■ 84, 44.854,
212.724

Harmonies

Complementary

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



95, 16.571, 207.392



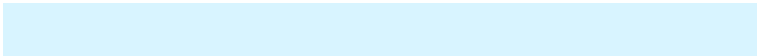
86, 19.242, 28.510

Rectangle

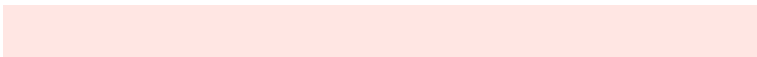
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



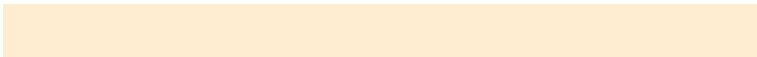
95, 16.571, 207.392



95, 16.571, 257.392



95, 16.571, 27.392



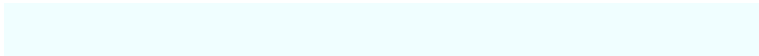
95, 16.571, 77.392

Sweetspot

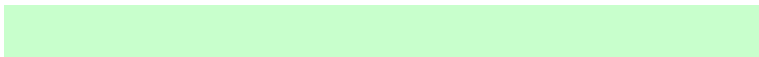
The Sweet Spot groups the original color and five complimentary colors.



95, 16.571, 207.386



99, 4.826, 207.694



95, 32.558, 145.316



52, 3.196, 207.667



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, 16.571, 207.386



94, 19.661, 207.365



88, 18.142, 267.122



52, 4.532, 207.577



65, 36.208, 212.413



22, 16.822, 210.277

Inverse Universe

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



87, 32.434, 328.247



84, 39.087, 328.509



93, 18.679, 81.043



50, 8.511, 327.523



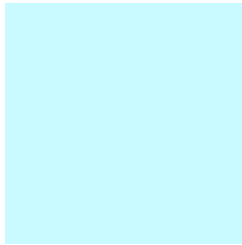
44, 86.665, 332.225



12, 40.214, 331.702

Previews

White Background



This preview shows how the CIE LCh color 95, 16.571, 207.392 looks on a white background.

Color Contrast Check

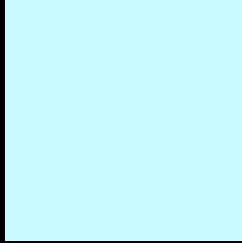
Large Text (above 18pt) WCAG AA × Fail

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, 16.571, 207.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

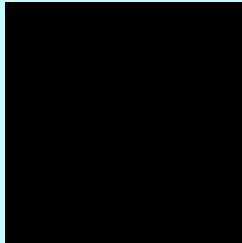
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

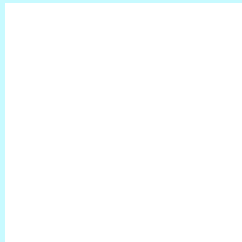
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 16.571, 207.392

Background



This preview shows how black text looks on a background with the CIELCh color 95, 16.571, 207.392.



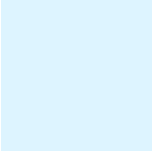
This preview shows how white text looks on a background with the CIELCh color 95, 16.571, 207.392.

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



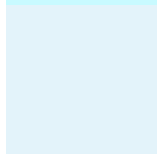


Tritanopia
95, 9.485, 235.741

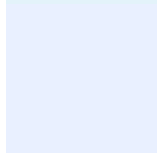
Trichromacy



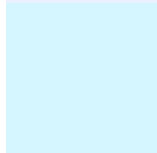
Original Color
95, 16.571, 207.392



Protanomaly
95, 6.493, 232.900



Deuteranomaly
95, 8.033, 273.473

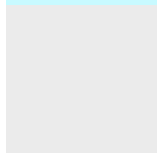


Tritanomaly
95, 11.844, 221.882

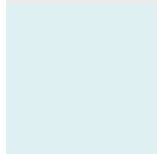
Monochromacy



Original Color
95, 16.571, 207.392



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 6.285, 208.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 16.571, 207.392 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(200, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 250, 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(200, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 250, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 16.571, 207.392 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(200, 250, 255) }
```

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

```
.border{ border-color:rgb(200, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 250,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 16.571, 207.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 250, 255) }
```

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

```
.background{ background-color: rgb(200,  
250, 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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