

Converting Colors

CIELCh(96, 28.137, 263.186)

Have a look what the booklet for
CIELCh(96, 28.137, 263.186)
contains.

CIELCh(95, 15.183, 212.317)	3
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Color

CIELCh(95, 15.183, 212.317)

Conversions

Conversions Part 1

Format	Color
Hex	CCF9FF
RGB	204, 249, 255
RGB Percent	80%, 98%, 100%
CMY	0.2013, 0.0247, 0.0000
CMYK	0.20, 0.02, 0.00, 0.00
HSL	187°, 100%, 90%
HSV	187°, 20%, 100%
XYZ	76.7565, 87.6183, 108.0622
YIQ	236.2290, -28.7460, -7.6740

Conversions

Conversions Part 2

Format	Color
RYB	204, 228, 255
Decimal	13433343
CIELab	95.00, -12.83, -8.12
CIELCh	95, 15.183, 212.317
Yxy	87.6183, 0.2817, 0.3216
Android (android.graphics.Color)	4291623423 (0xFFCCCF9FF)
YUV	236.2290, 9.2541, -28.2648
Hunter-Lab	93.6047, -17.4369, -2.9243

Details

The CIELCh color **95, 15.183, 212.317** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 17.381, 31.388**, 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, 15.185, 208.618** is the 20% darker color. If you saturate the color by 10%, you get **93, 21.838, 211.105**, and if you desaturate by 10%, it is **97, 7.846, 210.958**.

Distribution



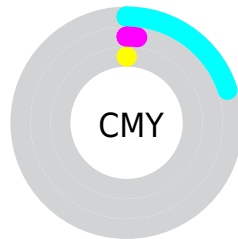
- Red (80%)
- Green (98%)
- Blue (100%)



- Red (80%)
- Yellow (89%)
- Blue (100%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 15.183, 212.317 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, 15.183, 212.317 by changing the saturation by 10% instead.


 95, 15.183,
212.317


 95, 15.183,
212.317


 100, 15.183,
212.317


 85, 15.183,
212.317

 75, 15.183,
212.317

 65, 15.183,
212.317

 55, 15.183,
212.317

 45, 15.183,
212.317

 35, 15.183,
212.317

 25, 15.183,

212.317

■ 15, 15.183,
212.317

■ 5, 15.183, 212.317

■ 95, 15.183,
212.317

■ 95, 15.183,
212.317

■ 93, 21.838,
211.105

■ 97, 7.846, 210.958

■ 91, 27.830,
211.431

100, 0.101,
217.548

■ 89, 32.980,
211.967

100, 0.012,
296.813

■ 87, 37.177,
212.756

■ 86, 40.344,
213.850

■ 84, 42.462,
215.301

■ 83, 43.588,
217.159

■ 82, 43.940,
219.383

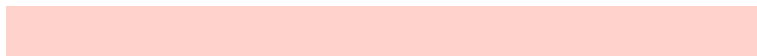
Harmonies

Complementary

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



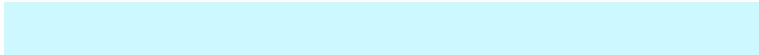
95, 15.183, 212.317



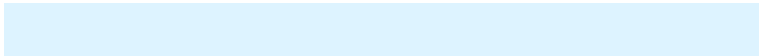
88, 17.381, 31.388

Rectangle

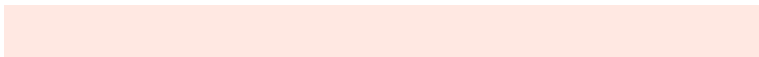
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



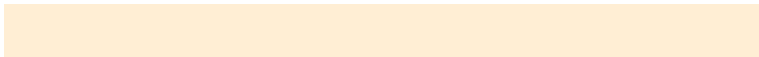
95, 15.183, 212.317



95, 15.183, 262.317



95, 15.183, 32.317



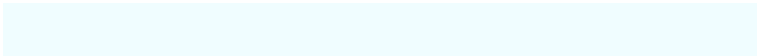
95, 15.183, 82.317

Sweetspot

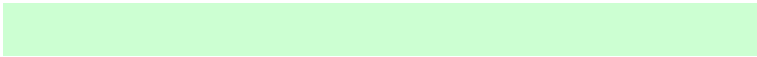
The Sweet Spot groups the original color and five complimentary colors.



95, 15.133, 210.952



98, 4.700, 211.032



96, 29.665, 146.423



52, 3.112, 211.014



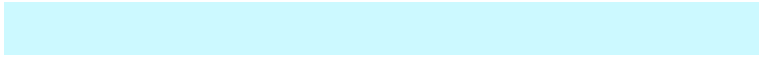
0, 0.000, 0.000



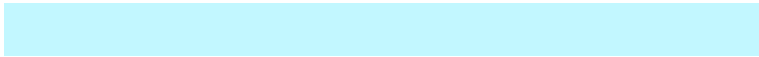
53, 0.007, 296.813

Same Dimension

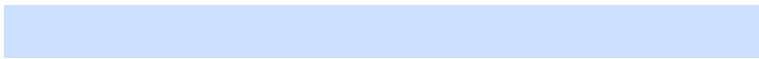
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 15.133, 210.952



94, 17.807, 210.992



88, 17.555, 269.891



52, 4.413, 210.965



63, 35.429, 218.935



21, 16.441, 215.874

Inverse Universe

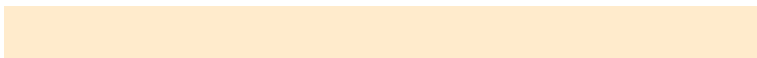
The Inverse Universe completely reimagines the original color for something new.



88, 29.596, 329.166



85, 35.305, 329.404



94, 17.863, 84.288



50, 8.324, 328.512



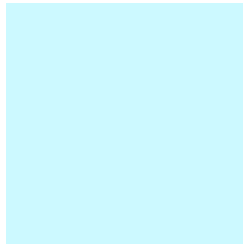
44, 84.523, 333.828



12, 39.336, 333.074

Previews

White Background



This preview shows how the CIE LCh color 95, 15.183, 212.317 looks on a white background.

Color Contrast Check

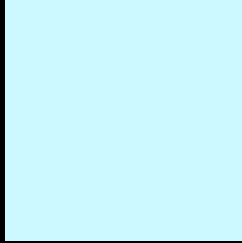
Large Text (above 18pt) WCAG AA × Fail

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, 15.183, 212.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

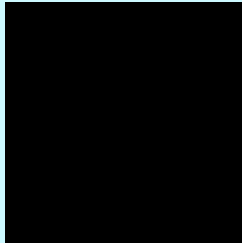
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 15.183, 212.317

Background



This preview shows how black text looks on a background with the CIELCh color 95, 15.183, 212.317.

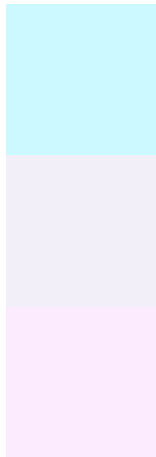


This preview shows how white text looks on a background with the CIELCh color 95, 15.183, 212.317.

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](#).

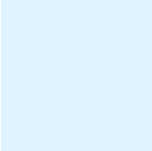
Dichromacy



Original Color
95, 15.106, 210.365

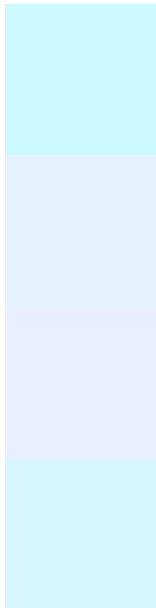
Protanopia
95, 5.267, 302.023

Deuteranopia
95, 12.552, 320.856



Tritanopia
95, 9.224, 236.971

Trichromacy



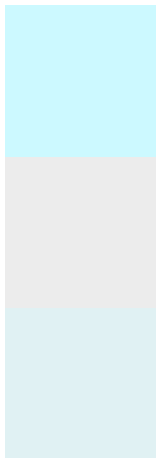
Original Color
95, 15.106, 210.365

Protanomaly
95, 6.510, 238.452

Deuteranomaly
95, 8.378, 279.057

Tritanomaly
95, 11.256, 223.194

Monochromacy



Original Color
95, 15.106, 210.365

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, 15.183, 212.317 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(204, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 249, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 15.183, 212.317 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(204, 249, 255) }
```

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

```
.border{ border-color:rgb(204, 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(204, 249, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 249,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 15.183, 212.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 249, 255) }
```

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

```
.background{ background-color: rgb(204,  
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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