

Converting Colors

CIELCh(95, 15.702, 199.465)

Have a look what the booklet for
CIELCh(95, 15.702, 199.465)
contains.

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Color

CIElCh(95, 15.982, 198.428)

Conversions

Conversions Part 1

Format	Color
Hex	CAFAFA
RGB	202, 250, 250
RGB Percent	79%, 98%, 98%
CMY	0.2088, 0.0206, 0.0206
CMYK	0.19, 0.00, 0.00, 0.02
HSL	180°, 82%, 89%
HSV	180°, 19%, 98%
XYZ	75.6093, 87.6183, 103.1580
YIQ	235.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

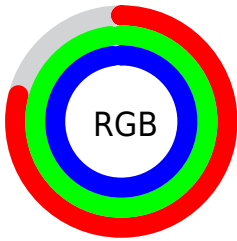
Format	Color
R _Y B	202, 226, 250
Decimal	13302522
CIE Lab	95.00, -15.16, -5.05
CIE LCh	95, 15.982, 198.428
Yxy	87.6183, 0.2838, 0.3289
Android (android.graphics.Color)	4291492602 (0xFFCAFAFA)
YUV	235.6480, 7.0755, -29.5093
Hunter-Lab	93.6047, -19.6245, 0.1821

Details

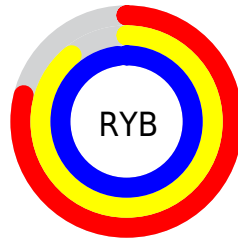
The CIELCh color **95, 15.982, 198.428** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 18.149, 20.770**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 15.805, 200.197** is the 20% darker color. If you saturate the color by 10%, you get **94, 23.452, 197.943**, and if you desaturate by 10%, it is **97, 7.890, 198.976**.

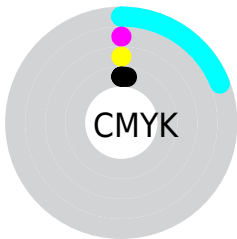
Distribution



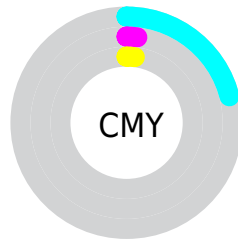
- Red (79%)
- Green (98%)
- Blue (98%)



- Red (79%)
- Yellow (89%)
- Blue (98%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 15.982, 198.428 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, 15.982, 198.428 by changing the saturation by 10% instead.


 95, 15.982,
198.428


 95, 15.982,
198.428


 100, 15.982,
198.428


 85, 15.982,
198.428

 75, 15.982,
198.428

 65, 15.982,
198.428

 55, 15.982,
198.428

 45, 15.982,
198.428

 35, 15.982,
198.428

 25, 15.982,

198.428

■ 15, 15.982,
198.428

■ 5, 15.982, 198.428

■ 95, 15.982,
198.428

■ 95, 15.982,
198.428

■ 94, 23.452,
197.943

■ 97, 7.890, 198.976

■ 92, 30.153,
197.526

■ 98, 0.686, 18.495

■ 92, 35.951,
197.172

■ 99, 1.849, 19.149

■ 91, 40.735,
196.885

■ 99, 1.849, 19.127

■ 99, 1.849, 19.105

■ 99, 1.849, 19.083

■ 90, 44.434,
196.666

■ 99, 1.849, 19.062

■ 99, 1.849, 19.040

■ 90, 47.035,
196.513

■ 99, 1.849, 19.018

■ 90, 48.594,
196.421

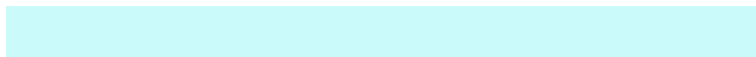
■ 89, 49.293,
196.380

■ 89, 49.333,
196.378

Harmonies

Complementary

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



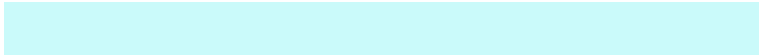
95, 15.982, 198.428



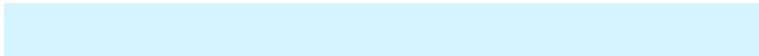
85, 18.149, 20.770

Rectangle

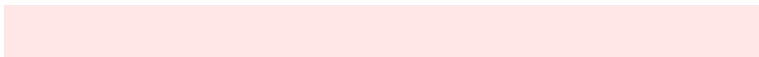
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 15.982, 198.428



95, 15.982, 248.428



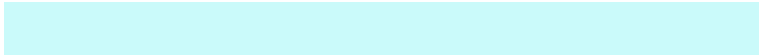
95, 15.982, 18.428



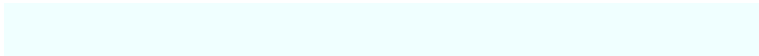
95, 15.982, 68.428

Sweetspot

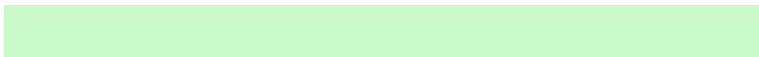
The Sweet Spot groups the original color and five complimentary colors.



95, 15.983, 198.422



99, 5.264, 199.193



94, 30.028, 142.795



53, 3.486, 199.145



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

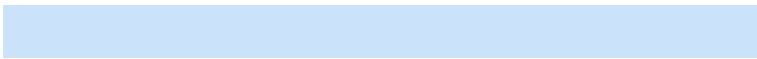
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 15.983, 198.422



96, 19.208, 198.232



89, 14.419, 256.339



51, 4.864, 198.959



69, 39.965, 196.378



23, 18.082, 196.379

Inverse Universe

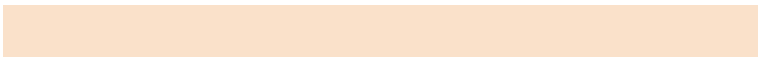
The Inverse Universe completely reimagines the original color for something new.



85, 18.149, 20.770



84, 22.421, 21.147



91, 15.254, 71.229



49, 5.167, 19.937



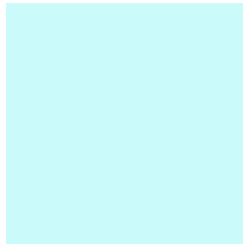
39, 83.389, 39.998



9, 32.195, 26.137

Previews

White Background



This preview shows how the CIE LCh color 95, 15.982, 198.428 looks on a white background.

Color Contrast Check

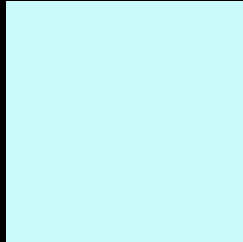
Large Text (above 18pt) WCAG AA × Fail

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, 15.982, 198.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

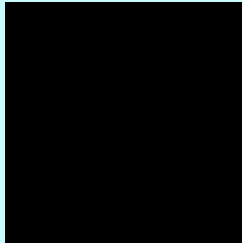
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

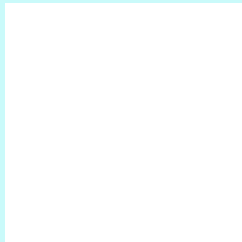
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 15.982, 198.428

Background



This preview shows how black text looks on a background with the CIELCh color 95, 15.982, 198.428.

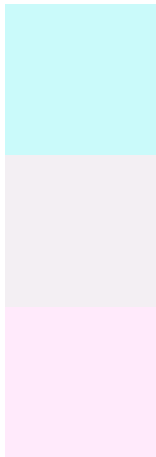


This preview shows how white text looks on a background with the CIELCh color 95, 15.982, 198.428.

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](#).

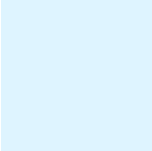
Dichromacy



Original Color
95, 15.982, 198.428

Protanopia
95, 2.515, 324.414

Deuteranopia
95, 11.486, 330.678

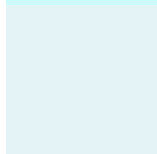


Tritanopia
95, 9.224, 236.971

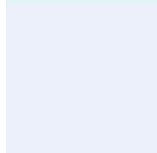
Trichromacy



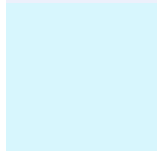
Original Color
95, 15.982, 198.428



Protanomaly
95, 5.271, 210.456



Deuteranomaly
95, 5.801, 276.872

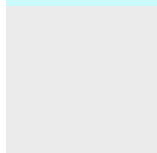


Tritanomaly
95, 10.939, 218.097

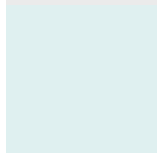
Monochromacy



Original Color
95, 15.982, 198.428



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 5.902, 199.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 15.982, 198.428 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, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(202, 250, 250)  
}
```

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, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 250, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 15.982, 198.428 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, 250, 250) }
```

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

```
.border{ border-color:rgb(202, 250, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(202, 250,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 15.982, 198.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 250, 250) }
```

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

```
.background{ background-color: rgb(202,  
250, 250) }
```

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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