

Converting Colors

CIELCh(95, 13.463, 210.158)

Have a look what the booklet for
CIELCh(95, 13.463, 210.158)
contains.

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Color

CIElCh(95, 13.516, 209.630)

Conversions

Conversions Part 1

Format	Color
Hex	D0F8FD
RGB	208, 248, 253
RGB Percent	82%, 97%, 99%
CMY	0.1844, 0.0275, 0.0079
CMYK	0.18, 0.02, 0.00, 0.01
HSL	187°, 92%, 90%
HSV	187°, 18%, 99%
XYZ	77.2931, 87.6183, 105.7477
YIQ	236.6100, -25.4450, -6.9250

Conversions

Conversions Part 2

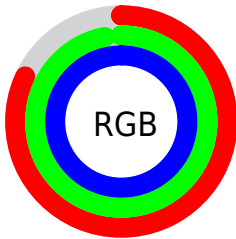
Format	Color
R_{YB}	208, 229, 253
Decimal	13695229
CIE _{Lab}	95.00, -11.75, -6.68
CIE _{LCh}	95, 13.516, 209.630
Yxy	87.6183, 0.2856, 0.3237
Android (android.graphics.Color)	4291885309 (0xFFD0F8FD)
YUV	236.6100, 8.0803, -25.0910
Hunter-Lab	93.6047, -16.4135, -1.4582

Details

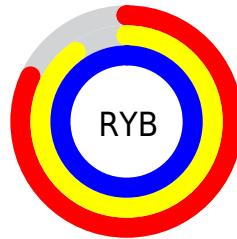
The CIELCh color **95, 13.516, 209.630** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 15.256, 30.173**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 13.586, 207.623** is the 20% darker color. If you saturate the color by 10%, you get **93, 20.388, 209.672**, and if you desaturate by 10%, it is **97, 6.090, 209.731**.

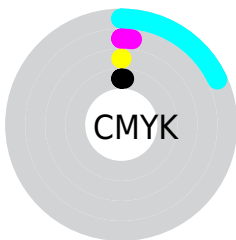
Distribution



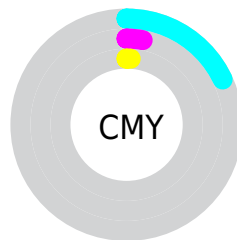
- Red (82%)
- Green (97%)
- Blue (99%)



- Red (82%)
- Yellow (90%)
- Blue (99%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (18%)
- Magenta (3%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 13.516, 209.630 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, 13.516, 209.630 by changing the saturation by 10% instead.


 95, 13.516,
209.630


 95, 13.516,
209.630


 100, 13.516,
209.630


 85, 13.516,
209.630

 75, 13.516,
209.630

 65, 13.516,
209.630

 55, 13.516,
209.630

 45, 13.516,
209.630

 35, 13.516,
209.630

 25, 13.516,

209.630

■ 15, 13.516,
209.630

■ 5, 13.516, 209.630

■ 95, 13.516,
209.630

■ 95, 13.516,
209.630

■ 93, 20.388,
209.672

■ 97, 6.090, 209.731

100, 0.574, 51.396

■ 91, 26.572,
209.876

100, 1.014,
110.026

■ 89, 31.940,
210.265

■ 87, 36.372,
210.877

■ 86, 39.782,
211.754

■ 85, 42.135,
212.945

■ 83, 43.467,
214.493

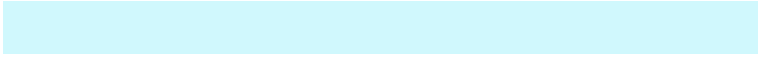
■ 83, 43.920,
216.422

■ 82, 43.965,
216.877

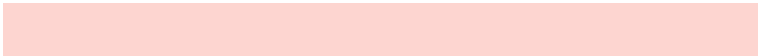
Harmonies

Complementary

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



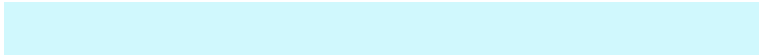
95, 13.516, 209.630



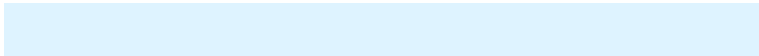
88, 15.256, 30.173

Rectangle

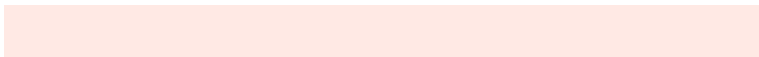
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



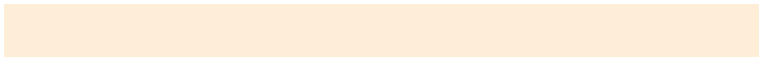
95, 13.516, 209.630



95, 13.516, 259.630



95, 13.516, 29.630



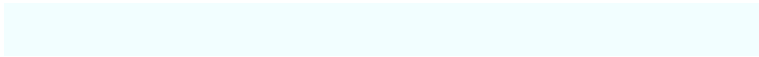
95, 13.516, 79.630

Sweetspot

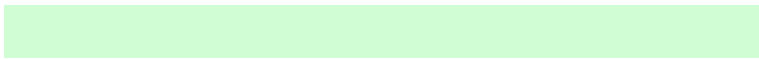
The Sweet Spot groups the original color and five complimentary colors.



95, 13.517, 209.622



99, 3.964, 209.821



95, 26.342, 146.106



53, 2.699, 209.793



0, 0.000, 0.000



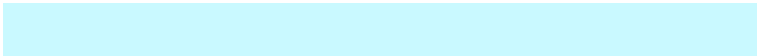
53, 0.007, 296.813

Same Dimension

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



95, 13.517, 209.622



95, 15.893, 209.622



89, 15.122, 268.011



52, 4.455, 209.696



64, 35.668, 216.489



21, 16.565, 213.775

Inverse Universe

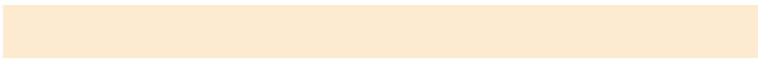
The Inverse Universe completely reimagines the original color for something new.



88, 26.187, 328.647



87, 31.139, 328.843



94, 15.413, 83.095



50, 8.392, 328.142



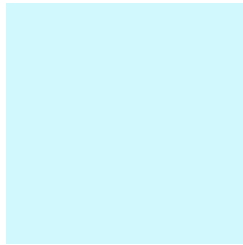
44, 85.304, 333.225



12, 39.656, 332.559

Previews

White Background



This preview shows how the CIE LCh color 95, 13.516, 209.630 looks on a white background.

Color Contrast Check

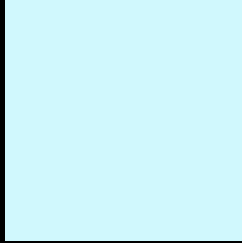
Large Text (above 18pt) WCAG AA × Fail

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, 13.516, 209.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

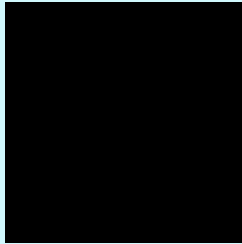
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 13.516, 209.630

Background



This preview shows how black text looks on a background with the CIELCh color 95, 13.516, 209.630.

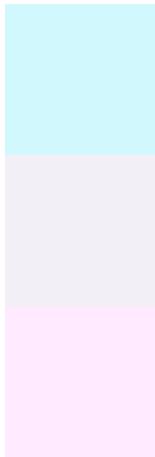


This preview shows how white text looks on a background with the CIELCh color 95, 13.516, 209.630.

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](#).

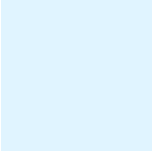
Dichromacy



Original Color
95, 13.516, 209.630

Protanopia
95, 4.265, 304.732

Deuteranopia
95, 13.109, 324.873

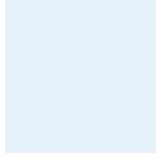


Tritanopia
95, 8.714, 239.655

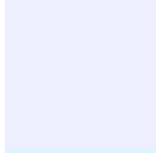
Trichromacy



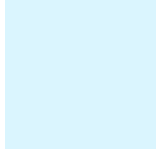
Original Color
95, 13.516, 209.630



Protanomaly
95, 5.426, 240.907

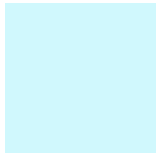


Deuteranomaly
95, 7.720, 288.233

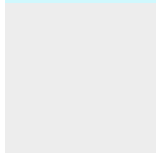


Tritanomaly
95, 10.097, 226.289

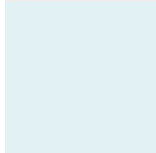
Monochromacy



Original Color
95, 13.516, 209.630



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 5.278, 210.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 13.516, 209.630 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(208, 248, 253)` looks like.

```
.text, #text, p{  
    color:rgb(208, 248, 253)  
}
```

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(208, 248, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 248, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 13.516, 209.630 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(208, 248, 253) }
```

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

```
.border{ border-color:rgb(208, 248, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 248, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 248, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 248, 253);  
box-shadow:4px 4px 4px 4px rgb(208, 248,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 13.516, 209.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 248, 253) }
```

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

```
.background{ background-color: rgb(208,  
248, 253) }
```

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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