

Converting Colors

CIELCh(95, 22.871, 194.602)

Have a look what the booklet for
CIELCh(95, 22.871, 194.602)
contains.

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Color

CIElCh(95, 23.088, 194.125)

Conversions

Conversions Part 1

Format	Color
Hex	B7FEFB
RGB	183, 254, 251
RGB Percent	72%, 100%, 98%
CMY	0.2837, 0.0053, 0.0171
CMYK	0.28, 0.00, 0.01, 0.01
HSL	177°, 96%, 86%
HSV	177°, 28%, 99%
XYZ	72.1256, 87.6183, 104.0780
YIQ	232.4290, -41.3530, -15.9850

Conversions

Conversions Part 2

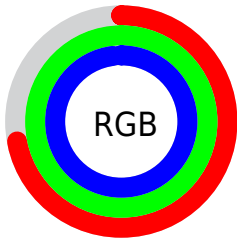
Format	Color
R _Y B	183, 219, 254
Decimal	12058363
CIE Lab	95.00, -22.39, -5.63
CIE LCh	95, 23.088, 194.125
Yxy	87.6183, 0.2734, 0.3321
Android (android.graphics.Color)	4290248443 (0xFFB7FEFB)
YUV	232.4290, 9.1555, -43.3492
Hunter-Lab	93.6047, -26.2678, -0.4007

Details

The CIELCh color **95, 23.088, 194.125** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 27.548, 18.461**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.823, 199.237**, and **75, 22.864, 194.967** is the 20% darker color. If you saturate the color by 10%, you get **94, 30.137, 193.510**, and if you desaturate by 10%, it is **96, 15.319, 194.761**.

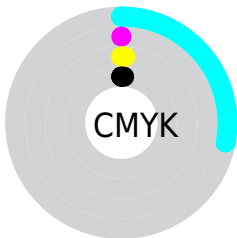
Distribution



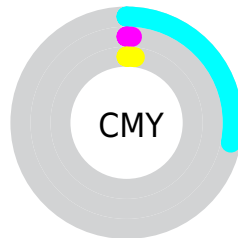
- Red (72%)
- Green (100%)
- Blue (98%)



- Red (72%)
- Yellow (86%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)





- Cyan (28%)
- Magenta (1%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 23.088, 194.125 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, 23.088, 194.125 by changing the saturation by 10% instead.


 95, 23.088,
194.125


 95, 23.088,
194.125


 100, 23.088,
194.125


 85, 23.088,
194.125

 75, 23.088,
194.125

 65, 23.088,
194.125

 55, 23.088,
194.125

 45, 23.088,
194.125

 35, 23.088,
194.125

 25, 23.088,

194.125

■ 15, 23.088,
194.125

■ 5, 23.088, 194.125

■ 95, 23.088,
194.125

■ 95, 23.088,
194.125

■ 94, 30.137,
193.510

■ 96, 15.319,
194.761

■ 93, 36.320,
192.923

■ 98, 6.978, 195.457

100, 0.493, 5.243

■ 92, 41.511,
192.356

100, 0.823,
325.530

■ 91, 45.625,
191.801

100, 0.853,
324.109

■ 91, 48.627,
191.249

■ 91, 50.556,
190.688

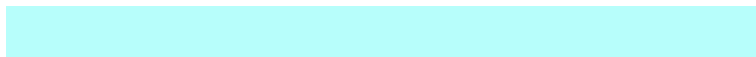
■ 90, 51.555,
190.106

■ 90, 51.702,
189.988

Harmonies

Complementary

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



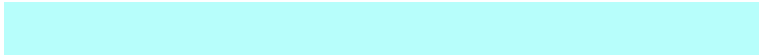
95, 23.088, 194.125



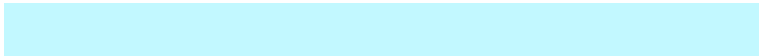
81, 27.548, 18.461

Rectangle

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



95, 23.088, 194.125



95, 23.088, 244.125



95, 23.088, 14.125



95, 23.088, 64.125

Sweetspot

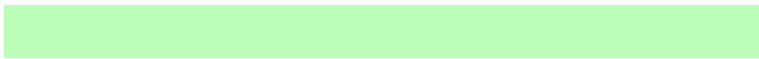
The Sweet Spot groups the original color and five complimentary colors.



95, 23.089, 194.121



99, 7.017, 195.456



94, 43.817, 141.292



52, 4.970, 195.344



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

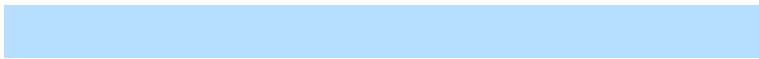
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 23.089, 194.121



95, 27.539, 193.750



87, 20.504, 253.996



52, 4.970, 195.344



70, 41.784, 190.092



24, 19.134, 190.826

Inverse Universe

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



81, 27.548, 18.461



77, 34.296, 19.287



88, 22.716, 66.567



49, 5.256, 16.523



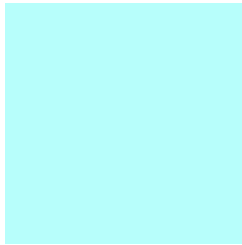
40, 82.418, 38.385



10, 33.024, 25.483

Previews

White Background



This preview shows how the CIE LCh color 95, 23.088, 194.125 looks on a white background.

Color Contrast Check

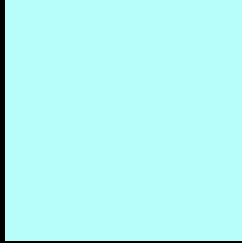
Large Text (above 18pt) WCAG AA × Fail

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, 23.088, 194.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

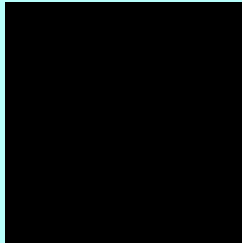
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 23.088, 194.125

Background



This preview shows how black text looks on a background with the CIELCh color 95, 23.088, 194.125.

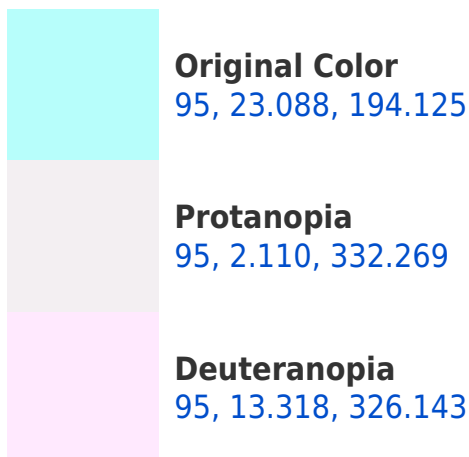


This preview shows how white text looks on a background with the CIELCh color 95, 23.088, 194.125.

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



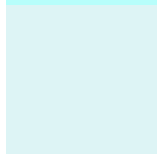


Tritanopia
95, 10.597, 228.035

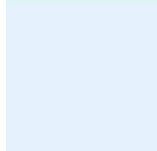
Trichromacy



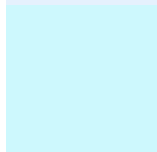
Original Color
95, 23.088, 194.125



Protanomaly
95, 7.905, 202.713



Deuteranomaly
95, 7.336, 256.725

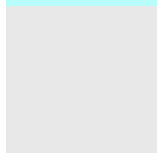


Tritanomaly
95, 14.445, 208.860

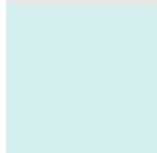
Monochromacy



Original Color
95, 23.088, 194.125



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 8.983, 195.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 23.088, 194.125 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(183, 254, 251)` looks like.

```
.text, #text, p{  
    color:rgb(183, 254, 251)  
}
```

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(183, 254, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 254, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 23.088, 194.125 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(183, 254, 251) }
```

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

```
.border{ border-color:rgb(183, 254, 251) }
```

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

Here you see how a box with a 4 pixel rgb(183, 254, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 254, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 254, 251);  
box-shadow:4px 4px 4px 4px rgb(183, 254,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 23.088, 194.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 254, 251) }
```

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

```
.background{ background-color: rgb(183,  
254, 251) }
```

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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