

Converting Colors

CIELCh(95, 24.616, 195.453)

Have a look what the booklet for
CIELCh(95, 24.616, 195.453)
contains.

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Color

CIElCh(95, 24.428, 195.469)

Conversions

Conversions Part 1

Format	Color
Hex	B2FEFC
RGB	178, 254, 252
RGB Percent	70%, 100%, 99%
CMY	0.3008, 0.0027, 0.0106
CMYK	0.30, 0.00, 0.01, 0.00
HSL	178°, 98%, 85%
HSV	178°, 30%, 100%
XYZ	71.5799, 87.6183, 105.4806
YIQ	231.0480, -44.6540, -16.7340

Conversions

Conversions Part 2

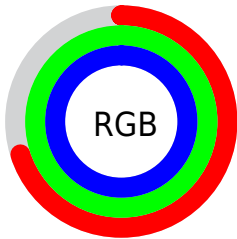
Format	Color
R _Y B	178, 217, 254
Decimal	11730684
CIE Lab	95.00, -23.54, -6.52
CIE LCh	95, 24.428, 195.469
Yxy	87.6183, 0.2704, 0.3310
Android (android.graphics.Color)	4289920764 (0xFFB2FEFC)
YUV	231.0480, 10.3293, -46.5231
Hunter-Lab	93.6047, -27.3084, -1.2890

Details

The CIELCh color **95, 24.428, 195.469** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **80, 29.728, 19.927**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **75, 24.520, 195.025** is the 20% darker color. If you saturate the color by 10%, you get **94, 31.269, 194.929**, and if you desaturate by 10%, it is **96, 16.822, 196.042**.

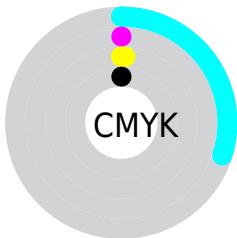
Distribution



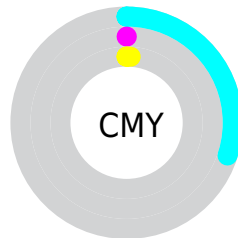
- Red (70%)
- Green (100%)
- Blue (99%)



- Red (70%)
- Yellow (85%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 24.428, 195.469 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, 24.428, 195.469 by changing the saturation by 10% instead.


 95, 24.428,
195.469


 95, 24.428,
195.469

 100, 24.428,
195.469

 85, 24.428,
195.469

 75, 24.428,
195.469

 65, 24.428,
195.469

 55, 24.428,
195.469

 45, 24.428,
195.469

 35, 24.428,
195.469

 25, 24.428,

195.469

■ 15, 24.428,
195.469

■ 5, 24.428, 195.469

■ 95, 24.428,
195.469

■ 95, 24.428,
195.469

■ 94, 31.269,
194.929

■ 96, 16.822,
196.042

■ 93, 37.203,
194.430

■ 98, 8.598, 196.674

100, 0.100, 10.659

■ 92, 42.114,
193.967

100, 0.435,
324.512

■ 91, 45.928,
193.535

100, 0.443,
323.759

■ 91, 48.627,
193.128

■ 91, 50.269,
192.735

■ 91, 51.060,
192.347

■ 91, 51.067,
192.342

Harmonies

Complementary

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



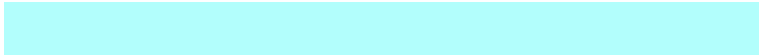
95, 24.428, 195.469



80, 29.728, 19.927

Rectangle

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



95, 24.428, 195.469



95, 24.428, 245.469



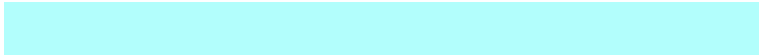
95, 24.428, 15.469



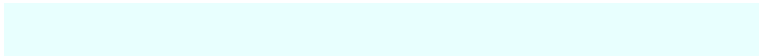
95, 24.428, 65.469

Sweetspot

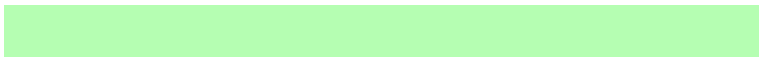
The Sweet Spot groups the original color and five complimentary colors.



95, 24.429, 195.465



98, 7.859, 196.736



93, 47.119, 141.541



52, 5.442, 196.636



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

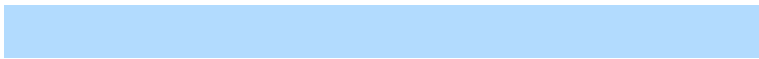
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 24.429, 195.465



94, 28.772, 195.133



86, 22.210, 256.355



52, 4.959, 196.701



70, 41.201, 192.410



24, 18.904, 192.879

Inverse Universe

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



80, 29.728, 19.927



76, 36.644, 20.788



88, 24.579, 68.145



49, 5.253, 17.809



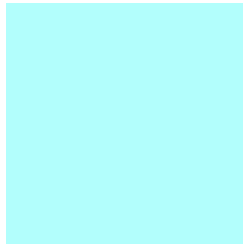
40, 83.062, 38.975



10, 33.150, 26.124

Previews

White Background



This preview shows how the CIE LCh color 95, 24.428, 195.469 looks on a white background.

Color Contrast Check

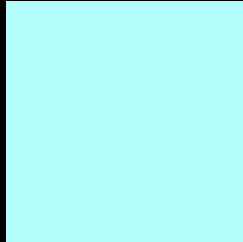
Large Text (above 18pt) WCAG AA × Fail

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, 24.428, 195.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

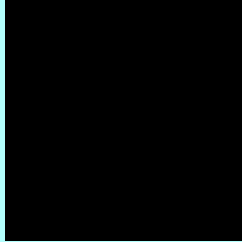
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 24.428, 195.469

Background



This preview shows how black text looks on a background with the CIELCh color 95, 24.428, 195.469.



This preview shows how white text looks on a background with the CIELCh color 95, 24.428, 195.469.

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



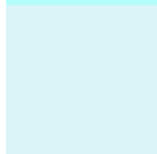


Tritanopia
95, 10.881, 227.192

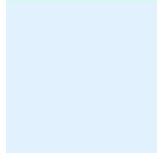
Trichromacy



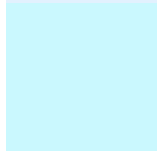
Original Color
95, 24.428, 195.469



Protanomaly
94, 8.591, 205.826



Deuteranomaly
94, 8.317, 252.926

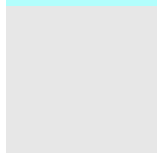


Tritanomaly
95, 15.418, 210.111

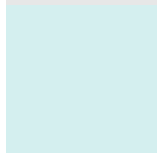
Monochromacy



Original Color
95, 24.428, 195.469



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.281, 198.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 24.428, 195.469 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(178, 254, 252)` looks like.

```
.text, #text, p{  
    color:rgb(178, 254, 252)  
}
```

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(178, 254, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 254, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 24.428, 195.469 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(178, 254, 252) }
```

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

```
.border{ border-color:rgb(178, 254, 252) }
```

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

Here you see how a box with a 4 pixel rgb(178, 254, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 254, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 254, 252);  
box-shadow:4px 4px 4px 4px rgb(178, 254,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 24.428, 195.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 254, 252) }
```

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

```
.background{ background-color: rgb(178,  
254, 252) }
```

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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