

Converting Colors

CIELCh(95, 24.916, 191.367)

Have a look what the booklet for
CIELCh(95, 24.916, 191.367)
contains.

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Color

CIELCh(95, 25.125, 190.753)

Conversions

Conversions Part 1

Format	Color
Hex	B2FFF9
RGB	178, 255, 249
RGB Percent	70%, 100%, 98%
CMY	0.3029, 0.0010, 0.0245
CMYK	0.30, 0.00, 0.02, 0.00
HSL	175°, 99%, 85%
HSV	175°, 30%, 100%
XYZ	71.0428, 87.6183, 102.5850
YIQ	231.2930, -43.9660, -18.1900

Conversions

Conversions Part 2

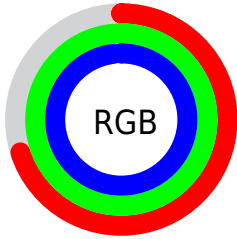
Format	Color
R_{YB}	178, 218, 255
Decimal	11730937
CIE _{Lab}	95.00, -24.68, -4.69
CIE _{LCh}	95, 25.125, 190.753
Yxy	87.6183, 0.2719, 0.3354
Android (android.graphics.Color)	4289921017 (0xFFB2FFF9)
YUV	231.2930, 8.7296, -46.7380
Hunter-Lab	93.6047, -28.3327, 0.5451

Details

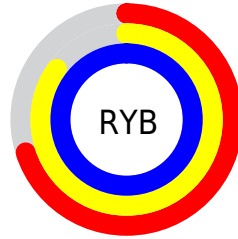
The CIELCh color **95, 25.125, 190.753** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **80, 30.011, 16.013**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **75, 25.151, 191.309** is the 20% darker color. If you saturate the color by 10%, you get **94, 32.191, 190.003**, and if you desaturate by 10%, it is **96, 17.338, 191.498**.

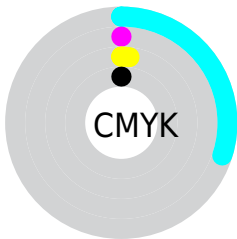
Distribution



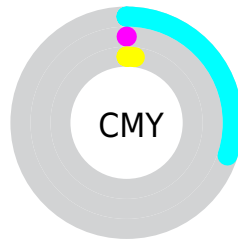
- Red (70%)
- Green (100%)
- Blue (98%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 25.125, 190.753 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, 25.125, 190.753 by changing the saturation by 10% instead.


 95, 25.125,
190.753


 95, 25.125,
190.753


 100, 25.125,
190.753


 85, 25.125,
190.753

 75, 25.125,
190.753

 65, 25.125,
190.753

 55, 25.125,
190.753

 45, 25.125,
190.753

 35, 25.125,
190.753

 25, 25.125,

190.753

■ 15, 25.125,
190.753

■ 5, 25.125, 190.753

■ 95, 25.125,
190.753

■ 95, 25.125,
190.753

■ 94, 32.191,
190.003

■ 96, 17.338,
191.498

■ 93, 38.386,
189.249

■ 98, 8.981, 192.269

■ 92, 43.588,
188.477

100, 0.197,
196.220

■ 91, 47.709,
187.675

100, 0.164,
322.563

■ 91, 50.725,
186.825

■ 91, 52.686,
185.911

■ 90, 53.786,
184.953

Harmonies

Complementary

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



95, 25.125, 190.753



80, 30.011, 16.013

Rectangle

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



95, 25.125, 190.753



95, 25.125, 240.753



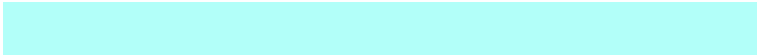
95, 25.125, 10.753



95, 25.125, 60.753

Sweetspot

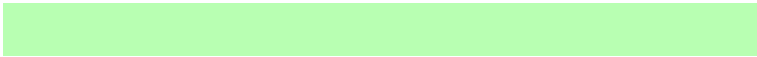
The Sweet Spot groups the original color and five complimentary colors.



95, 25.126, 190.750



98, 7.933, 192.369



94, 46.951, 140.288



52, 5.496, 192.250



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

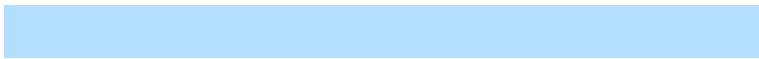
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 25.126, 190.750



94, 29.328, 190.319



87, 21.585, 250.289



52, 5.006, 192.327



70, 43.291, 185.134



24, 19.722, 186.403

Inverse Universe

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



80, 30.011, 16.013



76, 36.397, 16.883



87, 24.575, 62.667



50, 5.272, 13.648



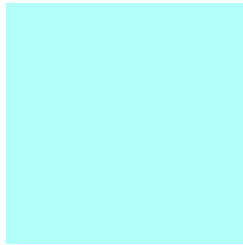
40, 80.987, 36.999



10, 32.756, 24.027

Previews

White Background



This preview shows how the CIE LCh color 95, 25.125, 190.753 looks on a white background.

Color Contrast Check

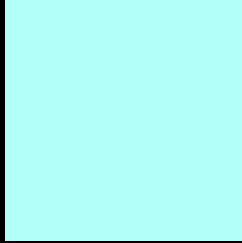
Large Text (above 18pt) WCAG AA × Fail

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, 25.125, 190.753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

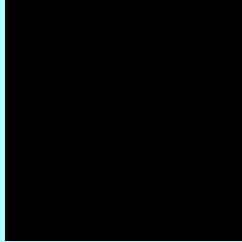
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 25.125, 190.753

Background



This preview shows how black text looks on a background with the CIELCh color 95, 25.125, 190.753.

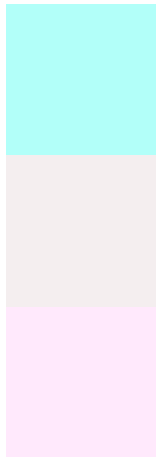


This preview shows how white text looks on a background with the CIELCh color 95, 25.125, 190.753.

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, 25.125, 190.753

Protanopia
95, 2.198, 5.768

Deuteranopia
95, 12.504, 328.890



Tritanopia
95, 10.881, 227.192

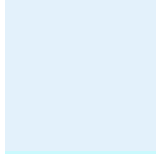
Trichromacy



Original Color
95, 25.125, 190.753



Protanomaly
94, 8.290, 195.373

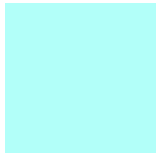


Deuteranomaly
94, 6.953, 247.089

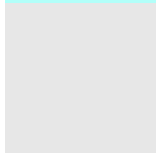


Tritanomaly
95, 15.635, 206.069

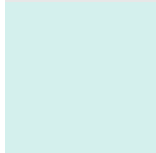
Monochromacy



Original Color
95, 25.125, 190.753



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.816, 189.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 25.125, 190.753 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, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(178, 255, 249)  
}
```

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, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 255, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 25.125, 190.753 is called "border". The border property can be set on classes, ids or directly on the HTML element.

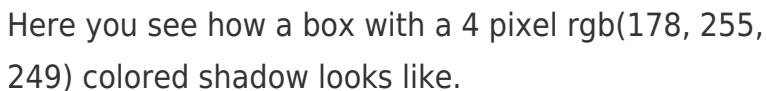
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 255, 249) }
```

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

```
.border{ border-color:rgb(178, 255, 249) }
```

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



Here you see how a box with a 4 pixel rgb(178, 255, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 255, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 255, 249); box-shadow:4px 4px 4px 4px rgb(178, 255, 249) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 25.125, 190.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 255, 249) }
```

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

```
.background{ background-color: rgb(178,  
255, 249) }
```

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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