

Converting Colors

CIELCh(91, 39.765, 196.942)

Have a look what the booklet for
CIELCh(91, 39.765, 196.942)
contains.

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Color

CIELCh(91, 39.707, 196.954)

Conversions

Conversions Part 1

Format	Color
Hex	6CFAFA
RGB	108, 250, 250
RGB Percent	42%, 98%, 98%
CMY	0.5763, 0.0195, 0.0195
CMYK	0.57, 0.00, 0.00, 0.02
HSL	180°, 93%, 70%
HSV	180°, 57%, 98%
XYZ	57.6427, 78.4833, 102.5763
YIQ	207.5420, -84.6320, -30.1040

Conversions

Conversions Part 2

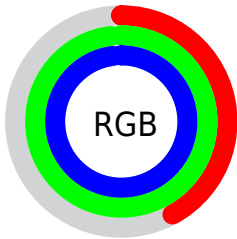
Format	Color
RYB	108, 179, 250
Decimal	7142138
CIELab	91.00, -37.98, -11.58
CIELCh	91, 39.707, 196.954
Yxy	78.4833, 0.2415, 0.3288
Android (android.graphics.Color)	4285332218 (0xFF6CFAFA)
YUV	207.5420, 20.9318, -87.2983
Hunter-Lab	88.5908, -38.8907, -6.6363

Details

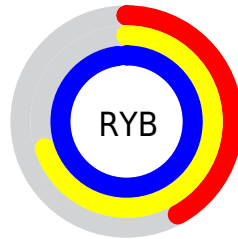
The CIELCh color **91, 39.707, 196.954** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **63, 60.841, 26.814**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 26.483, 197.785**, and **71, 39.645, 197.263** is the 20% darker color. If you saturate the color by 10%, you get **90, 43.676, 196.717**, and if you desaturate by 10%, it is **92, 34.664, 197.256**.

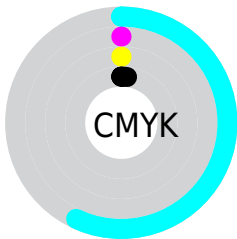
Distribution



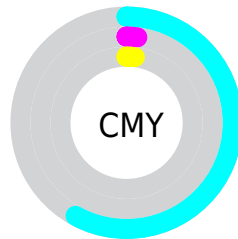
- Red (42%)
- Green (98%)
- Blue (98%)



- Red (42%)
- Yellow (70%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 39.707, 196.954 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 91, 39.707, 196.954 by changing the saturation by 10% instead.

■ 91, 39.707,
196.954

■ 91, 39.707,
196.954

■ 100, 39.707,
196.954

■ 81, 39.707,
196.954

■ 71, 39.707,
196.954

■ 61, 39.707,
196.954

■ 51, 39.707,
196.954

■ 41, 39.707,
196.954

■ 31, 39.707,
196.954

■ 21, 39.707,

196.954

■ 11, 39.707,
196.954

■ 1, 39.707, 196.954

■ 91, 39.707,
196.954

■ 91, 39.707,
196.954

■ 90, 43.676,
196.717

■ 92, 34.664,
197.256

■ 90, 46.543,
196.548

■ 93, 28.630,
197.625

■ 90, 48.346,
196.443

■ 94, 21.723,
198.057

■ 90, 49.209,
196.393

■ 95, 14.082,
198.551

90, 49.374,
196.383

- 97, 5.852, 199.139
- 99, 1.748, 19.142
- 99, 1.748, 19.133
- 99, 1.748, 19.124
- 99, 1.748, 19.115

Harmonies

Complementary

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



91, 39.707, 196.954



63, 60.841, 26.814

Rectangle

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



91, 39.707, 196.954



91, 39.707, 246.954



91, 39.707, 16.954



91, 39.707, 66.954

Sweetspot

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



91, 39.707, 196.952



97, 14.478, 198.539



88, 85.617, 139.235



51, 9.623, 198.434



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 39.707, 196.952



92, 44.767, 196.691



72, 41.083, 265.226



51, 4.864, 198.962



69, 39.964, 196.383



23, 18.081, 196.383

Inverse Universe

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



63, 60.841, 26.814



60, 75.492, 30.064



78, 49.500, 66.578



49, 5.167, 19.940



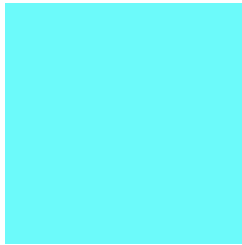
39, 83.390, 39.999



9, 32.195, 26.138

Previews

White Background



This preview shows how the CIE LCh color 91, 39.707, 196.954 looks on a white background.

Color Contrast Check

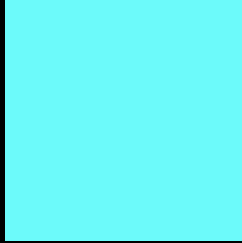
Large Text (above 18pt) WCAG AA × Fail

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 91, 39.707, 196.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

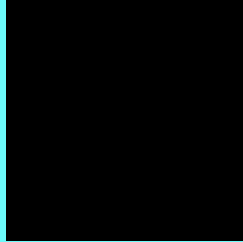
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 39.707, 196.954

Background



This preview shows how black text looks on a background with the CIELCh color 91, 39.707, 196.954.

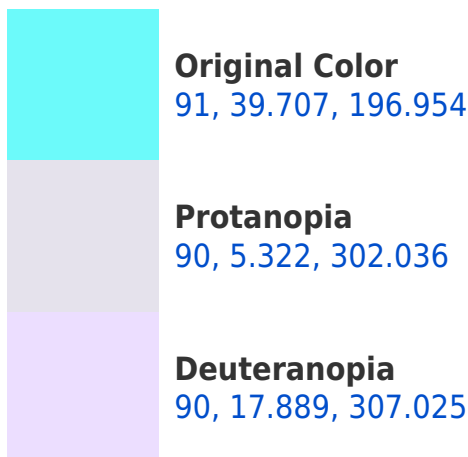


This preview shows how white text looks on a background with the CIELCh color 91, 39.707, 196.954.

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
91, 24.983, 215.006

Trichromacy



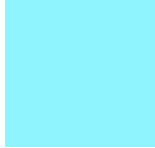
Original Color
91, 39.707, 196.954



Protanomaly
90, 16.726, 209.190



Deuteranomaly
90, 17.409, 237.773

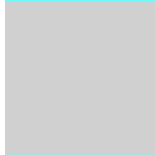


Tritanomaly
91, 30.479, 206.452

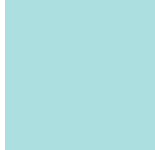
Monochromacy



Original Color
91, 39.707, 196.954



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 17.149, 198.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 39.707, 196.954 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(108, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(108, 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(108, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 250, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 39.707, 196.954 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(108, 250, 250) }
```

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

```
.border{ border-color:rgb(108, 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(108, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(108, 250,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 39.707, 196.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 250, 250) }
```

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

```
.background{ background-color: rgb(108,  
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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