

Converting Colors

CIELCh(93, 38.437, 195.031)

Have a look what the booklet for
CIELCh(93, 38.437, 195.031)
contains.

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Color

CIElCh(93, 38.311, 195.502)

Conversions

Conversions Part 1

Format	Color
Hex	7AFFFD
RGB	122, 255, 253
RGB Percent	48%, 100%, 99%
CMY	0.5204, 0.0000, 0.0068
CMYK	0.52, 0.00, 0.01, 0.00
HSL	179°, 100%, 74%
HSV	179°, 52%, 100%
XYZ	61.6910, 82.9670, 105.9222
YIQ	215.0050, -78.6260, -28.8180

Conversions

Conversions Part 2

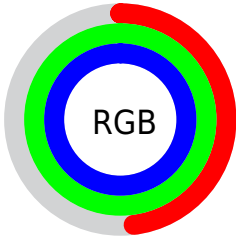
Format	Color
RYB	122, 189, 255
Decimal	8060925
CIELab	93.00, -36.92, -10.24
CIELCh	93, 38.311, 195.502
Yxy	82.9670, 0.2462, 0.3311
Android (android.graphics.Color)	4286251005 (0xFF7AFFFD)
YUV	215.0050, 18.7315, -81.5654
Hunter-Lab	91.0862, -38.5061, -5.1867

Details

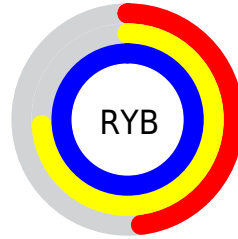
The CIELCh color **93, 38.311, 195.502** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **67, 55.734, 24.777**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.846, 198.009**, and **73, 38.464, 194.942** is the 20% darker color. If you saturate the color by 10%, you get **92, 42.835, 195.360**, and if you desaturate by 10%, it is **94, 32.548, 196.136**.

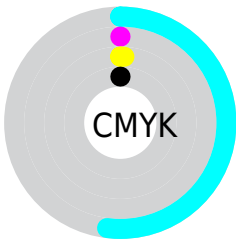
Distribution



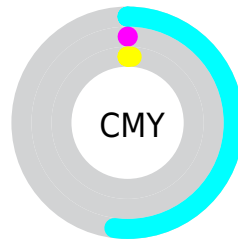
- Red (48%)
- Green (100%)
- Blue (99%)



- Red (48%)
- Yellow (74%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (52%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 38.311, 195.502 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 93, 38.311, 195.502 by changing the saturation by 10% instead.


 93, 38.311,
195.502


 93, 38.311,
195.502


 100, 38.311,
195.502


 83, 38.311,
195.502

 73, 38.311,
195.502

 63, 38.311,
195.502

 53, 38.311,
195.502

 43, 38.311,
195.502

 33, 38.311,
195.502

 23, 38.311,

195.502

■ 13, 38.311,
195.502

■ 3, 38.311, 195.502

■ 93, 38.311,
195.502

■ 93, 38.311,
195.502

■ 92, 42.835,
195.360

■ 94, 32.548,
196.136

■ 92, 46.339,
195.047

■ 95, 25.932,
196.600

■ 91, 48.733,
194.778

■ 96, 18.505,
197.115

■ 91, 50.094,
194.544

■ 98, 10.414,
197.688

■ 91, 50.609,
194.375

■ 100, 1.804,
198.570

100, 0.012,
296.813

Harmonies

Complementary

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



93, 38.311, 195.502



67, 55.734, 24.777

Rectangle

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



93, 38.311, 195.502



93, 38.311, 245.502



93, 38.311, 15.502



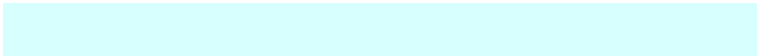
93, 38.311, 65.502

Sweetspot

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



93, 38.217, 195.723



97, 13.690, 197.452



90, 80.590, 139.750



52, 9.186, 197.335



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

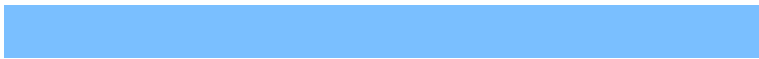
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 38.217, 195.723



92, 42.819, 195.362



75, 38.458, 263.769



52, 4.951, 197.848



70, 40.755, 194.409



24, 18.727, 194.645

Inverse Universe

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



67, 55.734, 24.777



62, 67.810, 27.354



81, 45.610, 67.171



49, 5.252, 18.893



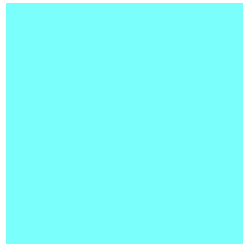
40, 83.638, 39.488



10, 33.259, 26.660

Previews

White Background



This preview shows how the CIE LCh color 93, 38.311, 195.502 looks on a white background.

Color Contrast Check

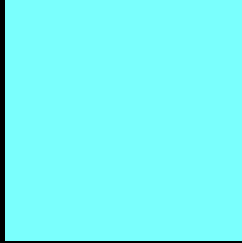
Large Text (above 18pt) WCAG AA × Fail

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 93, 38.311, 195.502 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 93, 38.311, 195.502

Background



This preview shows how black text looks on a background with the CIELCh color 93, 38.311, 195.502.



This preview shows how white text looks on a background with the CIELCh color 93, 38.311, 195.502.

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



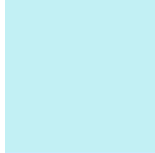


Tritanopia
93, 18.901, 217.623

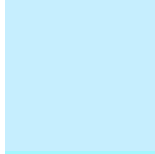
Trichromacy



Original Color
93, 38.311, 195.502



Protanomaly
92, 15.397, 206.231



Deuteranomaly
92, 15.293, 231.655

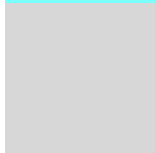


Tritanomaly
92, 26.259, 205.800

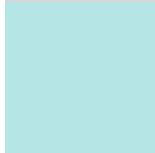
Monochromacy



Original Color
93, 38.311, 195.502



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 16.522, 196.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 38.311, 195.502 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(122, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(122, 255, 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(122, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 255, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 38.311, 195.502 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(122, 255, 253) }
```

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

```
.border{ border-color:rgb(122, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(122, 255,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 38.311, 195.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 255, 253) }
```

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

```
.background{ background-color: rgb(122,  
255, 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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