

Converting Colors

CIELCh(94, 42.026, 191.407)

Have a look what the booklet for
CIELCh(94, 42.026, 191.407)
contains.

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Color

CIELCh(93, 40.357, 194.713)

Conversions

Conversions Part 1

Format	Color
Hex	71FFFD
RGB	113, 255, 253
RGB Percent	44%, 100%, 99%
CMY	0.5553, 0.0000, 0.0069
CMYK	0.56, 0.00, 0.01, 0.00
HSL	179°, 100%, 72%
HSV	179°, 56%, 100%
XYZ	60.7907, 82.9670, 105.9387
YIQ	212.3140, -83.9900, -30.7260

Conversions

Conversions Part 2

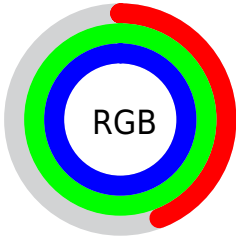
Format	Color
R _Y B	113, 185, 255
Decimal	7471101
CIE Lab	93.00, -39.03, -10.25
CIE LCh	93, 40.357, 194.713
Yxy	82.9670, 0.2435, 0.3323
Android (android.graphics.Color)	4285661181 (0xFF71FFFD)
YUV	212.3140, 20.0582, -87.0984
Hunter-Lab	91.0862, -40.2706, -5.1975

Details

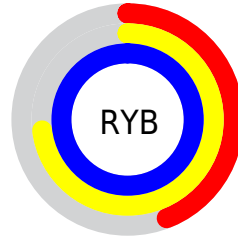
The CIELCh color **93, 40.357, 194.713** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **65, 59.979, 25.648**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 25.109, 197.869**, and **73, 40.193, 194.891** is the 20% darker color. If you saturate the color by 10%, you get **92, 44.173, 195.309**, and if you desaturate by 10%, it is **94, 34.633, 196.042**.

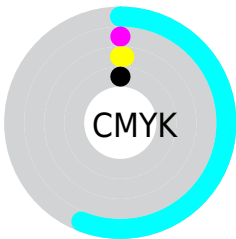
Distribution



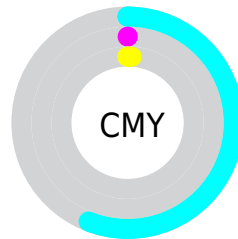
- Red (44%)
- Green (100%)
- Blue (99%)



- Red (44%)
- Yellow (73%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (56%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 40.357, 194.713 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, 40.357, 194.713 by changing the saturation by 10% instead.


 93, 40.357,
194.713


 93, 40.357,
194.713


 100, 40.357,
194.713


 83, 40.357,
194.713

 73, 40.357,
194.713

 63, 40.357,
194.713

 53, 40.357,
194.713

 43, 40.357,
194.713

 33, 40.357,
194.713

 23, 40.357,

194.713

■ 13, 40.357,
194.713

■ 3, 40.357, 194.713

■ 93, 40.357,
194.713

■ 93, 40.357,
194.713

■ 92, 44.173,
195.309

■ 94, 34.633,
196.042

■ 92, 47.283,
195.017

■ 95, 28.336,
196.486

■ 91, 49.300,
194.768

■ 96, 21.177,
196.980

■ 91, 50.334,
194.551

■ 97, 13.302,
197.528

91, 50.587,
194.460

99, 4.858, 198.181
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, 40.357, 194.713



65, 59.979, 25.648

Rectangle

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



93, 40.357, 194.713



93, 40.357, 244.713



93, 40.357, 14.713



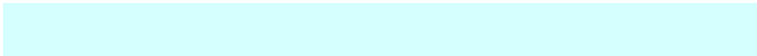
93, 40.357, 64.713

Sweetspot

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



93, 39.943, 195.650



97, 14.502, 197.444



90, 85.317, 139.368



51, 9.641, 197.331



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, 39.943, 195.650



92, 44.702, 195.263



74, 40.872, 264.841



52, 4.951, 197.896



70, 40.738, 194.493



24, 18.720, 194.719

Inverse Universe

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



65, 59.979, 25.648



60, 73.820, 28.924



80, 49.050, 66.731



49, 5.252, 18.938



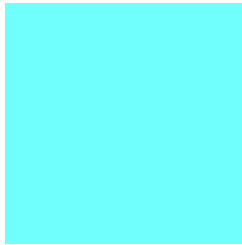
40, 83.662, 39.509



10, 33.264, 26.682

Previews

White Background



This preview shows how the CIE LCh color 93, 40.357, 194.713 looks on a white background.

Color Contrast Check

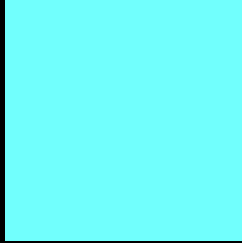
Large Text (above 18pt) WCAG AA × Fail

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, 40.357, 194.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

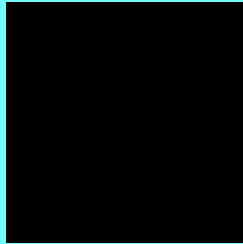
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 40.357, 194.713

Background



This preview shows how black text looks on a background with the CIELCh color 93, 40.357, 194.713.

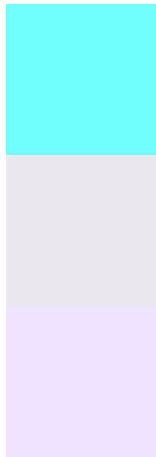


This preview shows how white text looks on a background with the CIELCh color 93, 40.357, 194.713.

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
93, 40.047, 195.466

Protanopia
92, 4.292, 304.738

Deuteranopia
92, 15.243, 308.323



Tritanopia
92, 20.286, 216.186

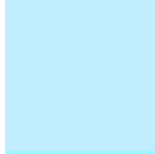
Trichromacy



Original Color
93, 40.047, 195.466



Protanomaly
92, 16.625, 205.578



Deuteranomaly
91, 16.315, 231.505

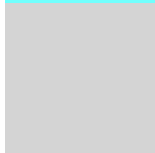


Tritanomaly
92, 27.808, 205.263

Monochromacy



Original Color
93, 40.047, 195.466



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 17.474, 196.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 40.357, 194.713 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(113, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(113, 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(113, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 255, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 40.357, 194.713 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(113, 255, 253) }
```

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

```
.border{ border-color:rgb(113, 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(113, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(113, 255,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 40.357, 194.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 255, 253) }
```

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

```
.background{ background-color: rgb(113,  
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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