

Converting Colors

CIELCh(94, 42.554, 235.084)

Have a look what the booklet for
CIELCh(94, 42.554, 235.084)
contains.

CIELCh(92, 39.690, 197.744)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 39.690, 197.744)

Conversions

Conversions Part 1

Format	Color
Hex	6FFDFE
RGB	111, 253, 254
RGB Percent	44%, 99%, 100%
CMY	0.5656, 0.0082, 0.0043
CMYK	0.56, 0.00, 0.00, 0.00
HSL	180°, 99%, 72%
HSV	180°, 56%, 100%
XYZ	59.4967, 80.7044, 106.1348
YIQ	210.6560, -84.9530, -29.7930

Conversions

Conversions Part 2

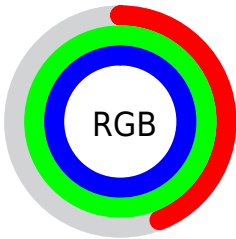
Format	Color
RYB	111, 182, 254
Decimal	7339518
CIELab	92.00, -37.80, -12.10
CIELCh	92, 39.690, 197.744
Yxy	80.7044, 0.2415, 0.3276
Android (android.graphics.Color)	4285529598 (0xFF6FFDFE)
YUV	210.6560, 21.3686, -87.3983
Hunter-Lab	89.8356, -38.9946, -7.1623

Details

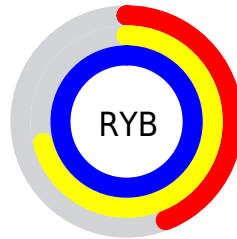
The CIELCh color **92, 39.690, 197.744** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **65, 60.797, 27.112**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 25.662, 197.835**, and **72, 39.777, 197.280** is the 20% darker color. If you saturate the color by 10%, you get **91, 43.705, 197.560**, and if you desaturate by 10%, it is **93, 34.592, 198.002**.

Distribution



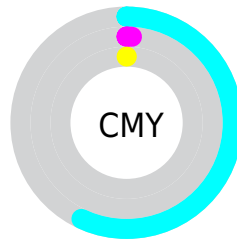
- Red (44%)
- Green (99%)
- Blue (100%)



- Red (44%)
- Yellow (71%)
- Blue (100%)



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



- Cyan (57%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 39.690, 197.744 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 92, 39.690, 197.744 by changing the saturation by 10% instead.

 92, 39.690,
197.744

 92, 39.690,
197.744


 100, 39.690,
197.744


 82, 39.690,
197.744

 72, 39.690,
197.744

 62, 39.690,
197.744

 52, 39.690,
197.744

 42, 39.690,
197.744

 32, 39.690,
197.744

 22, 39.690,

197.744

■ 12, 39.690,
197.744

■ 2, 39.690, 197.744

■ 92, 39.690,
197.744

■ 92, 39.690,
197.744

■ 91, 43.705,
197.560

■ 93, 34.592,
198.002

■ 91, 46.603,
197.457

■ 94, 28.496,
198.335

■ 90, 48.421,
197.430

■ 95, 21.526,
198.736

■ 90, 49.275,
197.474

■ 97, 13.821,
199.205

90, 49.442,
197.500

98, 5.528, 199.776

100, 0.358, 22.847

100, 0.315, 40.287

100, 0.307, 60.766

100, 0.337, 79.800

Harmonies

Complementary

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



92, 39.690, 197.744



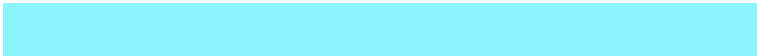
65, 60.797, 27.112

Rectangle

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



92, 39.690, 197.744



92, 39.690, 247.744



92, 39.690, 17.744



92, 39.690, 67.744

Sweetspot

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



92, 39.690, 197.742



97, 14.372, 199.173



90, 86.498, 139.571



51, 9.553, 199.074



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

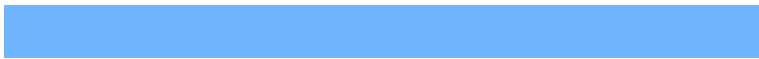
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 39.690, 197.742



92, 44.401, 197.538



72, 42.241, 267.001



52, 4.910, 199.576



70, 39.959, 197.481



24, 18.405, 197.348

Inverse Universe

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



69, 85.333, 327.538



65, 98.581, 327.957



79, 49.861, 68.251



50, 9.014, 325.135



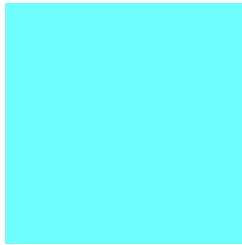
45, 92.571, 328.514



12, 42.615, 328.480

Previews

White Background



This preview shows how the CIE LCh color 92, 39.690, 197.744 looks on a white background.

Color Contrast Check

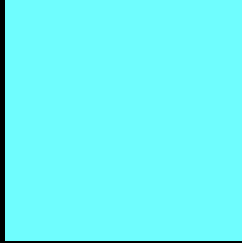
Large Text (above 18pt) WCAG AA × Fail

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 92, 39.690, 197.744 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 92, 39.690, 197.744

Background



This preview shows how black text looks on a background with the CIELCh color 92, 39.690, 197.744.

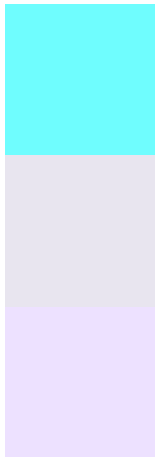


This preview shows how white text looks on a background with the CIELCh color 92, 39.690, 197.744.

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

92, 39.668, 197.739

Protanopia

91, 5.309, 302.033

Deuteranopia

91, 16.166, 306.105



Tritanopia
92, 22.018, 216.083

Trichromacy



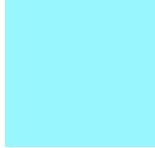
Original Color
92, 39.668, 197.739



Protanomaly
91, 16.703, 209.189



Deuteranomaly
91, 17.344, 235.631

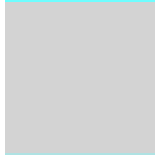


Tritanomaly
92, 28.798, 207.067

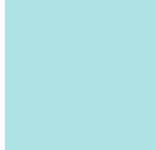
Monochromacy



Original Color
92, 39.668, 197.739



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 17.079, 200.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 39.690, 197.744 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(111, 253, 254)` looks like.

```
.text, #text, p{  
    color:rgb(111, 253, 254)  
}
```

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(111, 253, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 253, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 39.690, 197.744 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(111, 253, 254) }
```

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

```
.border{ border-color:rgb(111, 253, 254) }
```

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

Here you see how a box with a 4 pixel rgb(111, 253, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 253, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 253, 254);  
box-shadow:4px 4px 4px 4px rgb(111, 253,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 39.690, 197.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 253, 254) }
```

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

```
.background{ background-color: rgb(111,  
253, 254) }
```

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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