

Converting Colors

CIELCh(92, 40.439, 190.219)

Have a look what the booklet for
CIELCh(92, 40.439, 190.219)
contains.

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Color

CIElCh(92, 40.439, 190.219)

Conversions

Conversions Part 1

Format	Color
Hex	72FDF4
RGB	114, 253, 244
RGB Percent	45%, 99%, 96%
CMY	0.5510, 0.0061, 0.0414
CMYK	0.55, 0.00, 0.04, 0.01
HSL	176°, 98%, 72%
HSV	176°, 55%, 99%
XYZ	58.6678, 80.7044, 98.4267
YIQ	210.4130, -79.9550, -32.2670

Conversions

Conversions Part 2

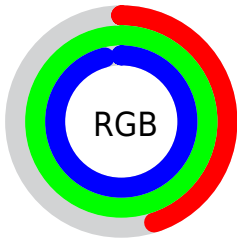
Format	Color
RYB	114, 186, 253
Decimal	7536116
CIELab	92.00, -39.80, -7.17
CIELCh	92, 40.439, 190.219
Yxy	80.7044, 0.2467, 0.3394
Android (android.graphics.Color)	4285726196 (0xFF72FDF4)
YUV	210.4130, 16.5584, -84.5542
Hunter-Lab	89.8356, -40.6417, -2.0750

Details

The CIELCh color **92, 40.439, 190.219** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **65, 57.800, 21.702**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 25.109, 197.869**, and **72, 40.486, 190.142** is the 20% darker color. If you saturate the color by 10%, you get **91, 45.043, 189.513**, and if you desaturate by 10%, it is **93, 34.792, 190.912**.

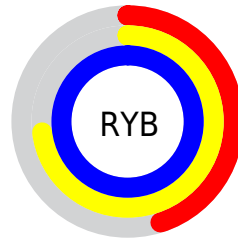
Distribution



Red (45%)

Green (99%)

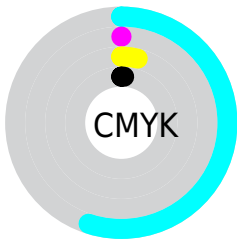
Blue (96%)



Red (45%)

Yellow (73%)

Blue (99%)

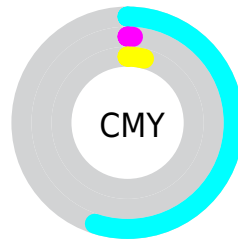


Cyan (55%)

Magenta (0%)

Yellow (4%)

Black (1%)



Cyan (55%)


Magenta (1%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 40.439, 190.219 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, 40.439, 190.219 by changing the saturation by 10% instead.


 92, 40.439,
190.219


 92, 40.439,
190.219


 100, 40.439,
190.219


 82, 40.439,
190.219

 72, 40.439,
190.219

 62, 40.439,
190.219

 52, 40.439,
190.219

 42, 40.439,
190.219

 32, 40.439,
190.219

 22, 40.439,

190.219

■ 12, 40.439,
190.219

■ 2, 40.439, 190.219

■ 92, 40.439,
190.219

■ 92, 40.439,
190.219

■ 91, 45.043,
189.513

■ 93, 34.792,
190.912

■ 91, 48.546,
188.785

■ 94, 28.209,
191.607

■ 90, 50.960,
188.021

■ 95, 20.826,
192.309

■ 90, 52.376,
187.203

■ 97, 12.791,
193.028

■ 90, 52.839,
186.764

■ 99, 4.255, 193.836
100, 0.704,
340.426

100, 0.968,
324.156

Harmonies

Complementary

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



92, 40.439, 190.219



65, 57.800, 21.702

Rectangle

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



92, 40.439, 190.219



92, 40.439, 240.219



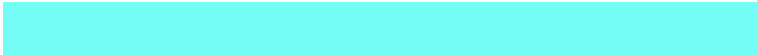
92, 40.439, 10.219



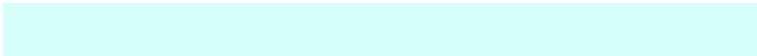
92, 40.439, 60.219

Sweetspot

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



92, 40.439, 190.217



97, 13.832, 192.942



90, 82.871, 138.488



52, 9.288, 192.792



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, 40.439, 190.217



92, 45.731, 189.427



75, 37.805, 258.489



52, 4.991, 193.430



70, 42.707, 186.916



24, 19.495, 187.998

Inverse Universe

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



65, 57.800, 21.702



61, 70.900, 24.974



78, 47.896, 61.876



50, 5.265, 14.702



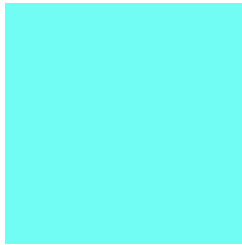
40, 81.542, 37.549



10, 32.852, 24.565

Previews

White Background



This preview shows how the CIE LCh color 92, 40.439, 190.219 looks on a white background.

Color Contrast Check

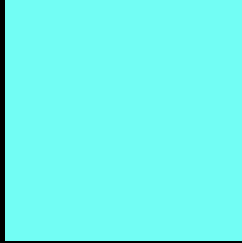
Large Text (above 18pt) WCAG AA × Fail

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, 40.439, 190.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

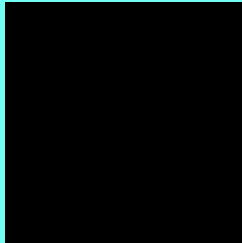
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 40.439, 190.219

Background



This preview shows how black text looks on a background with the CIELCh color 92, 40.439, 190.219.




This preview shows how white text looks on a background with the CIELCh color 92, 40.439, 190.219.

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



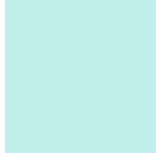


Tritanopia
92, 21.750, 216.326

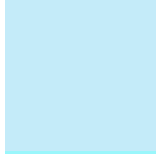
Trichromacy



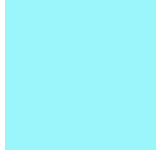
Original Color
92, 40.439, 190.219



Protanomaly
91, 15.980, 192.763

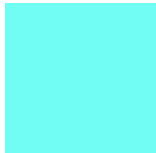


Deuteranomaly
91, 14.591, 228.697

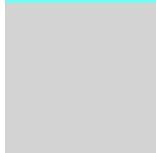


Tritanomaly
92, 28.364, 202.941

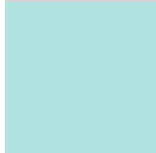
Monochromacy



Original Color
92, 40.439, 190.219



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 17.035, 192.935

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 40.439, 190.219 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(114, 253, 244)` looks like.

```
.text, #text, p{  
    color:rgb(114, 253, 244)  
}
```

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(114, 253, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 253, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 40.439, 190.219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

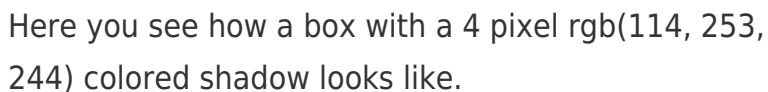
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 253, 244) }
```

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

```
.border{ border-color:rgb(114, 253, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 253, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 253, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 253, 244); box-shadow:4px 4px 4px 4px rgb(114, 253, 244) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 40.439, 190.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 253, 244) }
```

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

```
.background{ background-color: rgb(114,  
253, 244) }
```

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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