

Converting Colors

CIELCh(90, 39.524, 202.923)

Have a look what the booklet for
CIELCh(90, 39.524, 202.923)
contains.

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Color

CIELCh(90, 39.694, 202.301)

Conversions

Conversions Part 1

Format	Color
Hex	65F7FE
RGB	101, 247, 254
RGB Percent	40%, 97%, 100%
CMY	0.6048, 0.0321, 0.0047
CMYK	0.60, 0.03, 0.00, 0.00
HSL	183°, 98%, 70%
HSV	183°, 60%, 100%
XYZ	56.4038, 76.3034, 105.3634
YIQ	204.1440, -89.2630, -28.7750

Conversions

Conversions Part 2

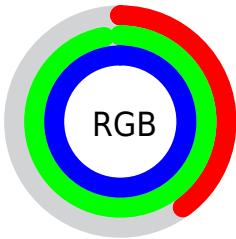
Format	Color
RYB	101, 176, 254
Decimal	6682622
CIELab	90.00, -36.73, -15.06
CIELCh	90, 39.694, 202.301
Yxy	76.3034, 0.2369, 0.3205
Android (android.graphics.Color)	4284872702 (0xFF65F7FE)
YUV	204.1440, 24.5790, -90.4573
Hunter-Lab	87.3518, -37.6067, -10.3691

Details

The CIELCh color **90, 39.694, 202.301** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **64, 63.898, 30.232**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 27.824, 197.702**, and **70, 39.299, 202.180** is the 20% darker color. If you saturate the color by 10%, you get **89, 43.058, 202.513**, and if you desaturate by 10%, it is **91, 35.241, 202.228**.

Distribution



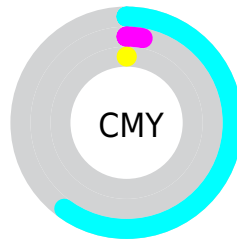
- Red (40%)
- Green (97%)
- Blue (100%)



- Red (40%)
- Yellow (69%)
- Blue (100%)



- Cyan (60%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (60%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 39.694, 202.301 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 90, 39.694, 202.301 by changing the saturation by 10% instead.


 90, 39.694,
202.301


 90, 39.694,
202.301


 100, 39.694,
202.301


 80, 39.694,
202.301


 70, 39.694,
202.301

 60, 39.694,
202.301

 50, 39.694,
202.301

 40, 39.694,
202.301

 30, 39.694,
202.301

 20, 39.694,

202.301

■ 10, 39.694,
202.301

■ 0, 39.694, 202.301

■ 90, 39.694,
202.301

■ 90, 39.694,
202.301

■ 89, 43.058,
202.513

■ 91, 35.241,
202.228

■ 88, 45.318,
202.883

■ 92, 29.773,
202.283

■ 88, 46.533,
203.419

■ 94, 23.404,
202.448

■ 87, 46.914,
204.085

■ 96, 16.266,
202.712

97, 8.502, 203.075

100, 0.248,
206.069

100, 0.560,
107.870

100, 0.590,
110.003

Harmonies

Complementary

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



90, 39.694, 202.301



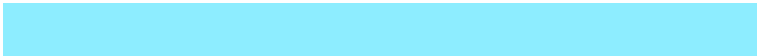
64, 63.898, 30.232

Rectangle

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



90, 39.694, 202.301



90, 39.694, 252.301



90, 39.694, 22.301



90, 39.694, 72.301

Sweetspot

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



90, 39.694, 202.299



96, 14.591, 202.785



89, 89.660, 139.914



51, 10.043, 202.693



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

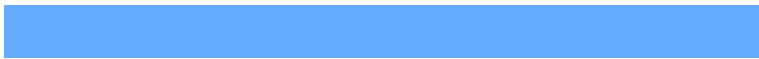
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 39.694, 202.299



89, 43.680, 202.566



69, 47.211, 271.849



52, 4.724, 203.110



68, 37.956, 203.946



23, 17.581, 202.981

Inverse Universe

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



67, 87.720, 328.914



64, 99.587, 329.386



79, 54.064, 70.907



50, 8.780, 326.202



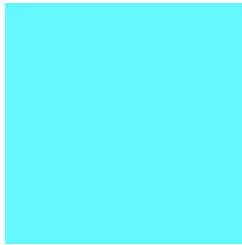
45, 89.797, 330.143



12, 41.490, 329.903

Previews

White Background



This preview shows how the CIE LCh color 90, 39.694, 202.301 looks on a white background.

Color Contrast Check

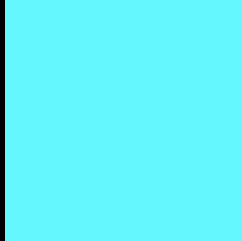
Large Text (above 18pt) WCAG AA × Fail

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 90, 39.694, 202.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

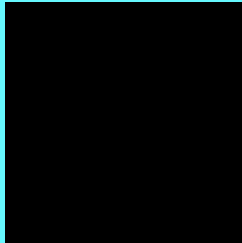
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 39.694, 202.301

Background



This preview shows how black text looks on a background with the CIELCh color 90, 39.694, 202.301.

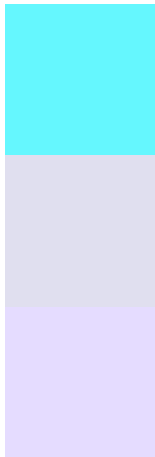


This preview shows how white text looks on a background with the CIELCh color 90, 39.694, 202.301.

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
90, 39.694, 202.301

Protanopia
89, 8.351, 293.249

Deuteranopia
89, 18.555, 301.097

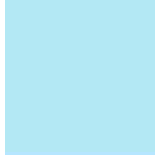


Tritanopia
90, 28.252, 213.929

Trichromacy



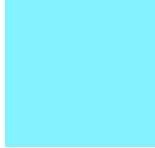
Original Color
90, 39.694, 202.301



Protanomaly
89, 18.145, 218.659



Deuteranomaly
89, 19.739, 240.210

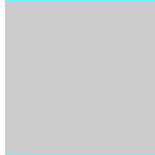


Tritanomaly
90, 32.716, 209.498

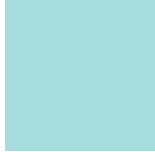
Monochromacy



Original Color
90, 39.694, 202.301



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 18.018, 201.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 39.694, 202.301 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(101, 247, 254)` looks like.

```
.text, #text, p{  
    color:rgb(101, 247, 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(101, 247, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 247, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 39.694, 202.301 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(101, 247, 254) }
```

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

```
.border{ border-color:rgb(101, 247, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 247, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 247, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 247, 254);  
box-shadow:4px 4px 4px 4px rgb(101, 247,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 39.694, 202.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 247, 254) }
```

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

```
.background{ background-color: rgb(101,  
247, 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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