

Converting Colors

CIELCh(76, 39.167, 249.003)

Have a look what the booklet for
CIELCh(76, 39.167, 249.003)
contains.

CIELCh(76, 39.195, 249.015)	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(76, 39.195, 249.015)

Conversions

Conversions Part 1

Format	Color
Hex	5CC6FE
RGB	92, 198, 254
RGB Percent	36%, 78%, 100%
CMY	0.6386, 0.2231, 0.0034
CMYK	0.64, 0.22, 0.00, 0.00
HSL	201°, 99%, 68%
HSV	201°, 64%, 100%
XYZ	42.5573, 49.8872, 101.2550
YIQ	172.6900, -81.1520, -5.0560

Conversions

Conversions Part 2

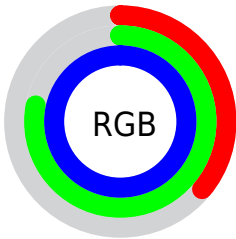
Format	Color
R _Y B	92, 156, 254
Decimal	6080254
CIE Lab	76.00, -14.04, -36.60
CIE LCh	76, 39.195, 249.015
Yxy	49.8872, 0.2197, 0.2575
Android (android.graphics.Color)	4284270334 (0xFF5CC6FE)
YUV	172.6900, 40.0858, -70.7651
Hunter-Lab	70.6309, -16.0523, -35.5553

Details

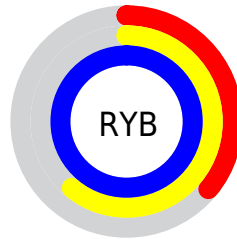
The CIELCh color **76, 39.195, 249.015** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **72, 58.076, 52.841**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.407, 197.545**, and **56, 38.612, 250.360** is the 20% darker color. If you saturate the color by 10%, you get **73, 43.573, 252.698**, and if you desaturate by 10%, it is **79, 34.297, 245.975**.

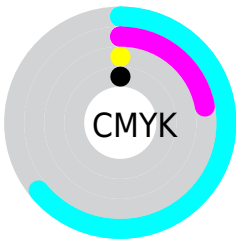
Distribution



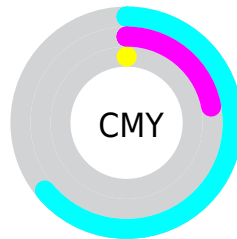
- Red (36%)
- Green (78%)
- Blue (100%)



- Red (36%)
- Yellow (61%)
- Blue (100%)



- Cyan (64%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (22%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 39.195, 249.015 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 76, 39.195, 249.015 by changing the saturation by 10% instead.


 76, 39.195,
249.015


 76, 39.195,
249.015


 100, 39.195,
249.015


 66, 39.195,
249.015


 96, 39.195,
249.015

 56, 39.195,
249.015

 46, 39.195,
249.015

 36, 39.195,
249.015

 26, 39.195,
249.015

 16, 39.195,
249.015

 6, 39.195, 249.015

0, 39.195, 249.015

76, 39.195,
249.015

76, 39.195,
249.015

73, 43.573,
252.698

79, 34.297,
245.975

70, 47.526,
257.050

83, 28.862,
243.505

67, 51.224,
262.005

87, 22.920,
241.516

65, 53.543,
265.257

90, 16.532,
239.924

94, 9.771, 238.663

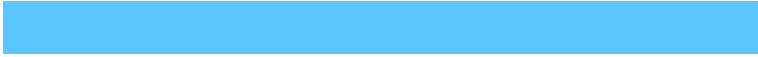
98, 2.709, 237.782

100, 0.433,

Harmonies

Complementary

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



76, 39.195, 249.015



72, 58.076, 52.841

Rectangle

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



76, 39.195, 249.015



76, 39.195, 299.015



76, 39.195, 69.015



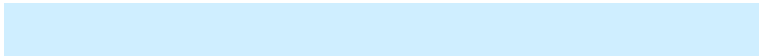
76, 39.195, 119.015

Sweetspot

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



76, 39.194, 249.015



92, 13.408, 239.289



90, 75.963, 148.723



48, 9.171, 239.664



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 39.194, 249.015



72, 44.621, 253.630



55, 77.043, 294.153



51, 4.087, 238.223



50, 42.758, 264.289



16, 18.288, 257.031

Inverse Universe

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



64, 75.191, 342.088



60, 84.160, 343.884



90, 67.377, 94.881



50, 7.105, 336.848



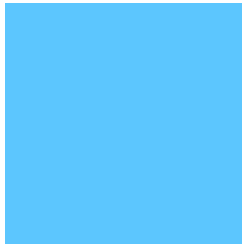
42, 72.304, 348.463



11, 34.098, 345.250

Previews

White Background



This preview shows how the CIELCh color 76, 39.195, 249.015 looks on a white background.

Color Contrast Check

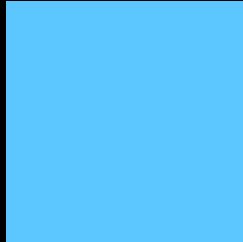
Large Text (above 18pt) WCAG AA × Fail

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 76, 39.195, 249.015 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

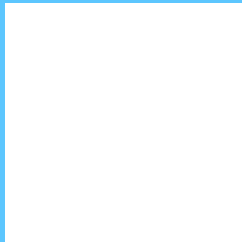
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 39.195, 249.015

Background



This preview shows how black text looks on a background with the CIELCh color 76, 39.195, 249.015.

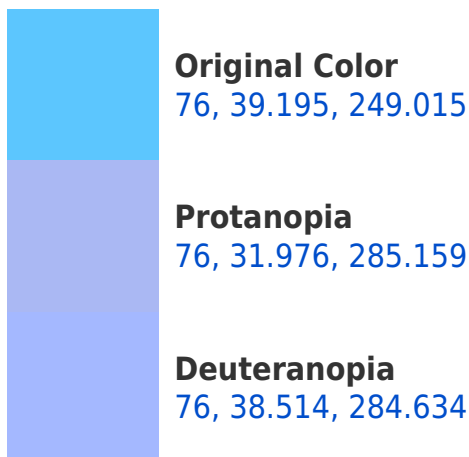


This preview shows how white text looks on a background with the CIELCh color 76, 39.195, 249.015.

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
76, 35.180, 212.344

Trichromacy



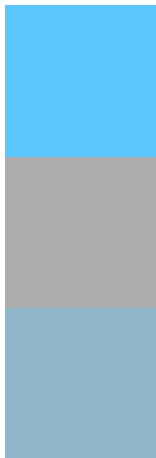
Original Color
76, 39.195, 249.015

Protanomaly
75, 33.592, 268.551

Deuteranomaly
75, 37.749, 270.591

Tritanomaly
76, 35.053, 226.189

Monochromacy



Original Color
76, 39.195, 249.015

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 16.412, 240.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 39.195, 249.015 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(92, 198, 254)` looks like.

```
.text, #text, p{  
    color:rgb(92, 198, 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(92, 198, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 198, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 39.195, 249.015 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(92, 198, 254) }
```

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

```
.border{ border-color:rgb(92, 198, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 198, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 198, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 198, 254);  
box-shadow:4px 4px 4px 4px rgb(92, 198,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 39.195, 249.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 198, 254) }
```

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

```
.background{ background-color: rgb(92, 198,  
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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