

Converting Colors

CIELCh(74, 39.285, 258.675)

Have a look what the booklet for
CIELCh(74, 39.285, 258.675)
contains.

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Color

CIELCh(74, 39.115, 258.338)

Conversions

Conversions Part 1

Format	Color
Hex	6ABEFC
RGB	106, 190, 252
RGB Percent	42%, 75%, 99%
CMY	0.5860, 0.2564, 0.0133
CMYK	0.58, 0.25, 0.00, 0.01
HSL	205°, 96%, 70%
HSV	205°, 58%, 99%
XYZ	41.7314, 46.7039, 98.5776
YIQ	171.9520, -69.9660, 1.4740

Conversions

Conversions Part 2

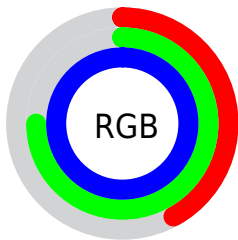
Format	Color
RYB	106, 159, 252
Decimal	6995708
CIELab	74.00, -7.91, -38.31
CIELCh	74, 39.115, 258.338
Yxy	46.7039, 0.2231, 0.2497
Android (android.graphics.Color)	4285185788 (0xFF6ABEFC)
YUV	171.9520, 39.4637, -57.8399
Hunter-Lab	68.3403, -10.5960, -37.6848

Details

The CIELCh color **74, 39.115, 258.338** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **76, 50.849, 60.671**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 24.965, 208.742**, and **54, 38.986, 258.101** is the 20% darker color. If you saturate the color by 10%, you get **70, 44.852, 261.885**, and if you desaturate by 10%, it is **78, 33.065, 255.359**.

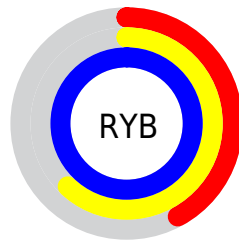
Distribution



Red (42%)

Green (75%)

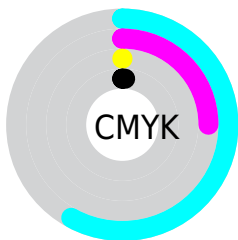
Blue (99%)



Red (42%)

Yellow (62%)

Blue (99%)

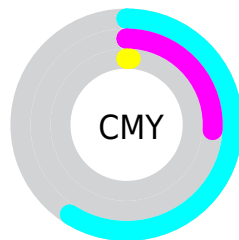


Cyan (58%)

Magenta (25%)

Yellow (0%)

Black (1%)



Cyan (59%)


Magenta (26%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 39.115, 258.338 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 74, 39.115, 258.338 by changing the saturation by 10% instead.


 74, 39.115,
258.338

 74, 39.115,
258.338


 100, 39.115,
258.338


 64, 39.115,
258.338


 94, 39.115,
258.338


 54, 39.115,
258.338

 44, 39.115,
258.338

 34, 39.115,
258.338

 24, 39.115,
258.338

 14, 39.115,
258.338

 4, 39.115, 258.338

0, 39.115, 258.338

74, 39.115,
258.338

74, 39.115,
258.338

70, 44.852,
261.885

78, 33.065,
255.359

66, 50.352,
266.016

82, 26.689,
252.889

63, 55.744,
270.671

86, 20.006,
250.855

60, 61.208,
275.655

91, 13.057,
249.187

59, 62.316,
276.604

95, 5.891, 247.846

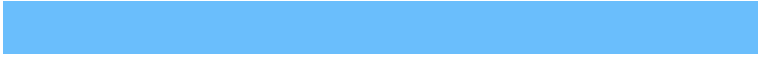
100, 1.143, 86.398

100, 1.713,

Harmonies

Complementary

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



74, 39.115, 258.338



76, 50.849, 60.671

Rectangle

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



74, 39.115, 258.338



74, 39.115, 308.338



74, 39.115, 78.338



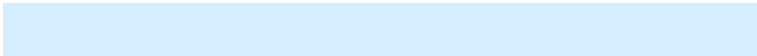
74, 39.115, 128.338

Sweetspot

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



74, 39.114, 258.338



92, 12.456, 249.035



89, 64.866, 153.109



48, 8.310, 249.337



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 39.114, 258.338



70, 46.444, 262.670



55, 76.315, 296.282



50, 4.136, 248.019



45, 49.439, 275.666



13, 20.086, 268.218

Inverse Universe

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



65, 66.257, 345.755



61, 76.908, 347.765



93, 65.802, 100.511



49, 6.611, 340.495



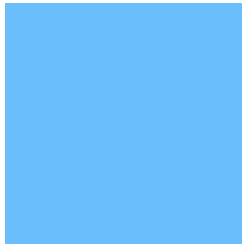
41, 68.975, 355.088



10, 31.961, 350.487

Previews

White Background



This preview shows how the CIELCh color 74, 39.115, 258.338 looks on a white background.

Color Contrast Check

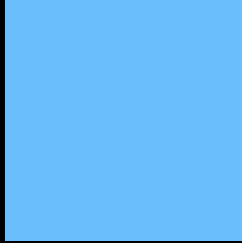
Large Text (above 18pt) WCAG AA × Fail

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 74, 39.115, 258.338 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

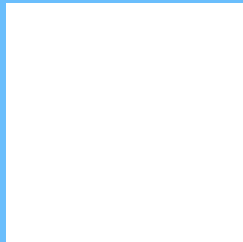
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 39.115, 258.338

Background



This preview shows how black text looks on a background with the CIELCh color 74, 39.115, 258.338.

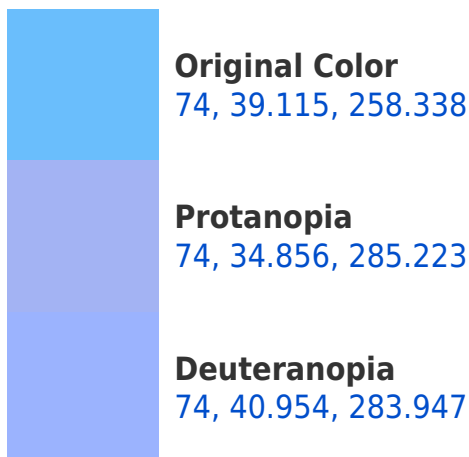


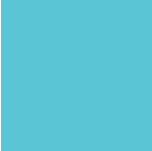
This preview shows how white text looks on a background with the CIELCh color 74, 39.115, 258.338.

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
74, 31.486, 213.427

Trichromacy



Original Color
74, 39.115, 258.338

Protanomaly
74, 35.651, 273.486

Deuteranomaly
74, 39.483, 274.202

Tritanomaly
74, 31.925, 232.132

Monochromacy



Original Color
74, 39.115, 258.338

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 15.836, 251.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 39.115, 258.338 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(106, 190, 252)` looks like.

```
.text, #text, p{  
    color:rgb(106, 190, 252)  
}
```

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(106, 190, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 190, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 39.115, 258.338 is called "border". The border property can be set on classes, ids or directly on the HTML element.

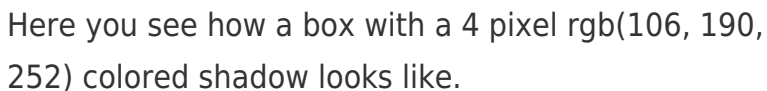
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 190, 252) }
```

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

```
.border{ border-color:rgb(106, 190, 252) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 190, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 190, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 190, 252); box-shadow:4px 4px 4px 4px rgb(106, 190, 252) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 39.115, 258.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 190, 252) }
```

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

```
.background{ background-color: rgb(106,  
190, 252) }
```

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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