

Converting Colors

CIELCh(75, 38.108, 250.105)

Have a look what the booklet for
CIELCh(75, 38.108, 250.105)
contains.

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Color

CIELCh(75, 38.080, 250.014)

Conversions

Conversions Part 1

Format	Color
Hex	60C3FA
RGB	96, 195, 250
RGB Percent	38%, 76%, 98%
CMY	0.6246, 0.2362, 0.0206
CMYK	0.62, 0.22, 0.00, 0.02
HSL	201°, 94%, 68%
HSV	201°, 62%, 98%
XYZ	41.4689, 48.2781, 97.3648
YIQ	171.6690, -76.6590, -3.8830

Conversions

Conversions Part 2

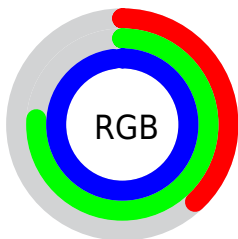
Format	Color
R _{YB}	96, 156, 250
Decimal	6341626
CIE _{Lab}	75.00, -13.02, -35.79
CIE _{LCh}	75, 38.080, 250.014
Yxy	48.2781, 0.2216, 0.2580
Android (android.graphics.Color)	4284531706 (0xFF60C3FA)
YUV	171.6690, 38.6172, -66.3617
Hunter-Lab	69.4824, -15.0609, -34.4445

Details

The CIELCh color **75, 38.080, 250.014** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **72, 54.868, 53.971**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 28.946, 200.726**, and **55, 38.026, 250.365** is the 20% darker color. If you saturate the color by 10%, you get **72, 42.654, 253.605**, and if you desaturate by 10%, it is **78, 33.018, 247.048**.

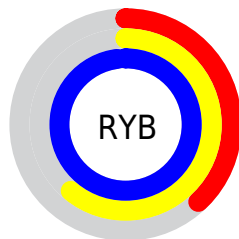
Distribution



Red (38%)

Green (76%)

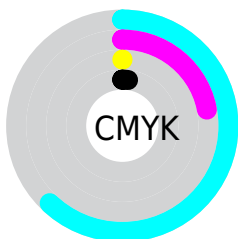
Blue (98%)



Red (38%)

Yellow (61%)

Blue (98%)

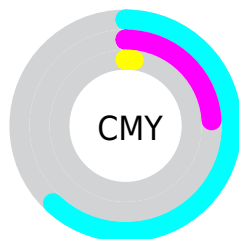


Cyan (62%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (62%)


Magenta (24%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 38.080, 250.014 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 75, 38.080, 250.014 by changing the saturation by 10% instead.


 75, 38.080,
250.014


 75, 38.080,
250.014


 100, 38.080,
250.014


 65, 38.080,
250.014


 95, 38.080,
250.014

 55, 38.080,
250.014

 45, 38.080,
250.014

 35, 38.080,
250.014

 25, 38.080,
250.014

 15, 38.080,
250.014

 5, 38.080, 250.014

0, 38.080, 250.014

75, 38.080,
250.014

75, 38.080,
250.014

72, 42.654,
253.605

78, 33.018,
247.048

69, 46.819,
257.855

82, 27.458,
244.633

66, 50.729,
262.710

86, 21.434,
242.683

64, 53.974,
267.014

90, 15.005,
241.117

94, 8.239, 239.876

98, 1.205, 239.242

100, 2.654,

Harmonies

Complementary

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



75, 38.080, 250.014



72, 54.868, 53.971

Rectangle

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



75, 38.080, 250.014



75, 38.080, 300.014



75, 38.080, 70.014



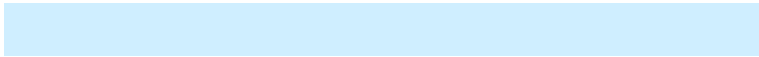
75, 38.080, 120.014

Sweetspot

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



75, 38.079, 250.014



92, 13.451, 240.758



88, 71.864, 149.721



48, 9.203, 241.147



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 38.079, 250.014



72, 44.384, 254.568



55, 74.803, 294.352



50, 4.029, 239.648



49, 43.213, 266.049



14, 18.029, 258.408

Inverse Universe

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



64, 71.868, 342.425



61, 82.458, 344.240



90, 65.401, 96.200



49, 6.932, 337.342



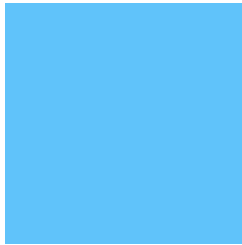
41, 71.158, 349.341



10, 33.045, 345.815

Previews

White Background



This preview shows how the CIE LCh color 75, 38.080, 250.014 looks on a white background.

Color Contrast Check

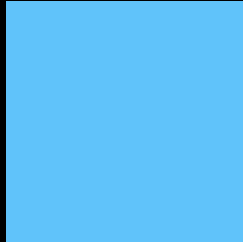
Large Text (above 18pt) WCAG AA × Fail

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 75, 38.080, 250.014 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

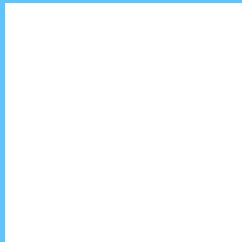
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 38.080, 250.014

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.080, 250.014.

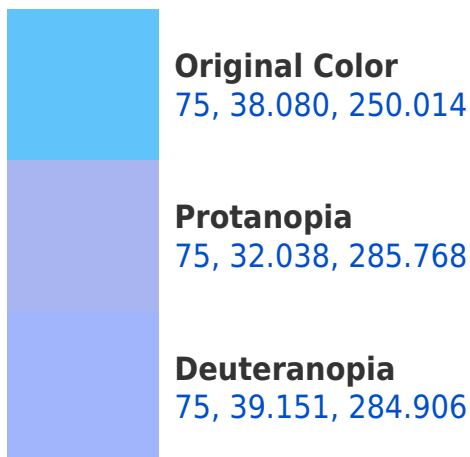


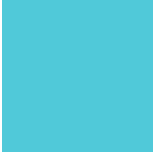
This preview shows how white text looks on a background with the CIELCh color 75, 38.080, 250.014.

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](#).

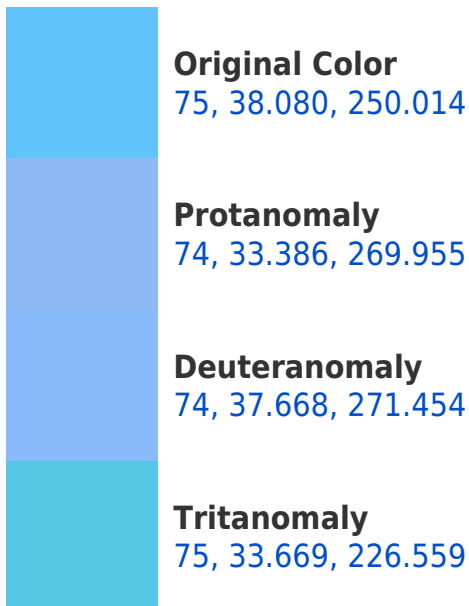
Dichromacy



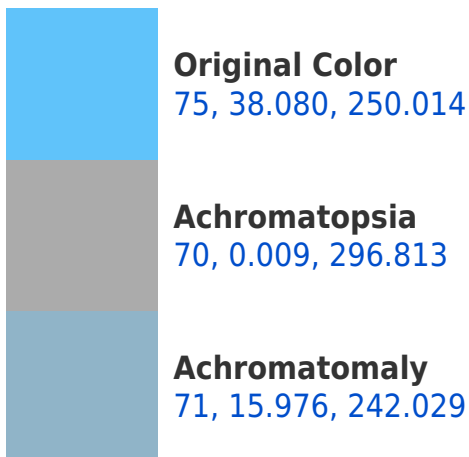


Tritanopia
75, 33.826, 212.104

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.080, 250.014 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(96, 195, 250)` looks like.

```
.text, #text, p{  
    color:rgb(96, 195, 250)  
}
```

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(96, 195, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 195, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.080, 250.014 is called "border". The border property can be set on classes, ids or directly on the HTML element.

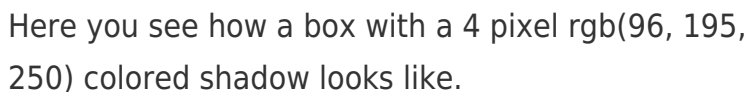
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 195, 250) }
```

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

```
.border{ border-color:rgb(96, 195, 250) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 195, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(96, 195, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(96, 195, 250); box-shadow:4px 4px 4px 4px rgb(96, 195, 250) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.080, 250.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 195, 250) }
```

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

```
.background{ background-color: rgb(96, 195,  
250) }
```

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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