

Converting Colors

CIELCh(76, 37.049, 252.753)

Have a look what the booklet for
CIELCh(76, 37.049, 252.753)
contains.

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Color

CIELCh(76, 37.181, 253.209)

Conversions

Conversions Part 1

Format	Color
Hex	6CC4FC
RGB	108, 196, 252
RGB Percent	42%, 77%, 99%
CMY	0.5750, 0.2301, 0.0104
CMYK	0.57, 0.22, 0.00, 0.01
HSL	203°, 96%, 71%
HSV	203°, 57%, 99%
XYZ	43.6668, 49.8872, 99.7076
YIQ	176.0720, -70.4240, -1.2400

Conversions

Conversions Part 2

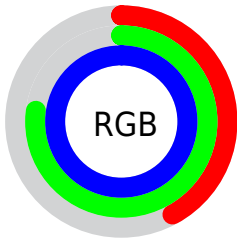
Format	Color
RYB	108, 163, 252
Decimal	7128316
CIELab	76.00, -10.74, -35.60
CIELCh	76, 37.181, 253.209
Yxy	49.8872, 0.2259, 0.2581
Android (android.graphics.Color)	4285318396 (0xFF6CC4FC)
YUV	176.0720, 37.4325, -59.6991
Hunter-Lab	70.6309, -13.2483, -34.2563

Details

The CIELCh color **76, 37.181, 253.209** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **75, 50.130, 57.323**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 26.372, 200.048**, and **56, 37.250, 253.434** is the 20% darker color. If you saturate the color by 10%, you get **72, 42.441, 256.628**, and if you desaturate by 10%, it is **80, 31.505, 250.375**.

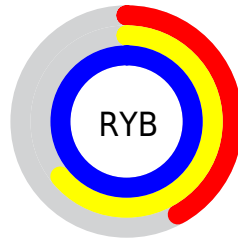
Distribution



Red (42%)

Green (77%)

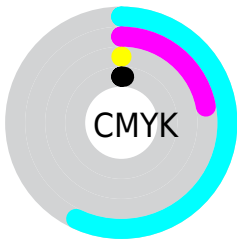
Blue (99%)



Red (42%)

Yellow (64%)

Blue (99%)

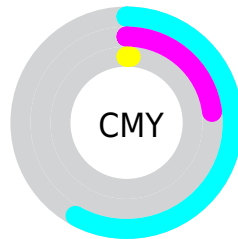


Cyan (57%)

Magenta (22%)

Yellow (0%)

Black (1%)



Cyan (58%)

Magenta (23%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.181, 253.209 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, 37.181, 253.209 by changing the saturation by 10% instead.

■ 76, 37.181,
253.209

■ 76, 37.181,
253.209

■ 100, 37.181,
253.209

■ 66, 37.181,
253.209

■ 96, 37.181,
253.209

■ 56, 37.181,
253.209

■ 46, 37.181,
253.209

■ 36, 37.181,
253.209

■ 26, 37.181,
253.209

■ 16, 37.181,
253.209

■ 6, 37.181, 253.209

■ 0, 37.181, 253.209

■ 76, 37.181,
253.209

■ 76, 37.181,
253.209

■ 72, 42.441,
256.628

■ 80, 31.505,
250.375

■ 69, 47.345,
260.670

■ 84, 25.417,
248.052

■ 66, 52.017,
265.307

■ 88, 18.951,
246.161

■ 63, 56.645,
270.388

■ 92, 12.161,
244.630

■ 62, 58.052,
271.870

■ 96, 5.108, 243.426

100, 1.336,
110.020

Harmonies

Complementary

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



76, 37.181, 253.209



75, 50.130, 57.323

Rectangle

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



76, 37.181, 253.209



76, 37.181, 303.209



76, 37.181, 73.209



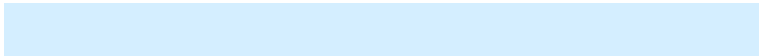
76, 37.181, 123.209

Sweetspot

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



76, 37.180, 253.209



93, 12.227, 244.624



90, 65.886, 151.808



49, 8.151, 244.905



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, 37.180, 253.209



73, 43.280, 256.997



57, 72.115, 294.659



50, 4.069, 243.684



47, 46.018, 270.892



14, 18.941, 263.291

Inverse Universe

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



66, 66.822, 343.592



62, 76.919, 345.206



92, 63.217, 98.728



49, 6.777, 338.805



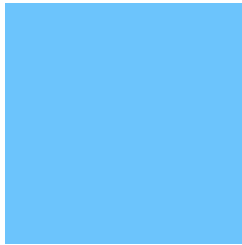
41, 70.018, 352.011



10, 32.498, 347.984

Previews

White Background



This preview shows how the CIELCh color 76, 37.181, 253.209 looks on a white background.

Color Contrast Check

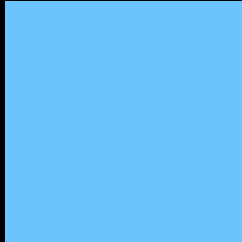
Large Text (above 18pt) WCAG AA × Fail

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, 37.181, 253.209 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

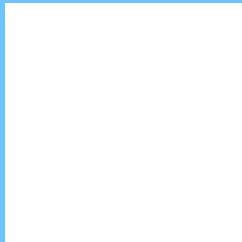
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 37.181, 253.209

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.181, 253.209.

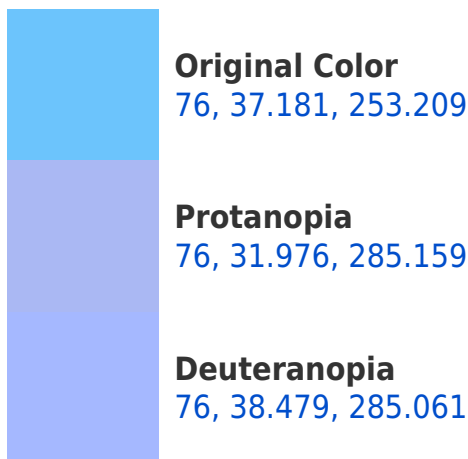


This preview shows how white text looks on a background with the CIELCh color 76, 37.181, 253.209.

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](#).

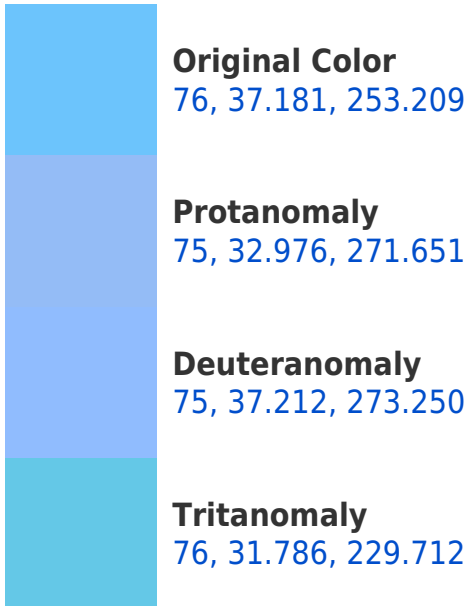
Dichromacy



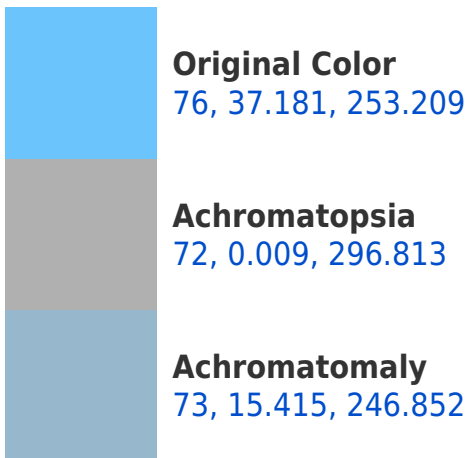


Tritanopia
76, 31.452, 214.452

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.181, 253.209 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(108, 196, 252)` looks like.

```
.text, #text, p{  
    color:rgb(108, 196, 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(108, 196, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 196, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.181, 253.209 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(108, 196, 252) }
```

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

```
.border{ border-color:rgb(108, 196, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 196, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 196, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 196, 252);  
box-shadow:4px 4px 4px 4px rgb(108, 196,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.181, 253.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 196, 252) }
```

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

```
.background{ background-color: rgb(108,  
196, 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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