

Converting Colors

CIELCh(76, 36.536, 256.419)

Have a look what the booklet for
CIELCh(76, 36.536, 256.419)
contains.

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Color

CIELCh(76, 36.528, 256.363)

Conversions

Conversions Part 1

Format	Color
Hex	74C3FC
RGB	116, 195, 252
RGB Percent	45%, 76%, 99%
CMY	0.5442, 0.2345, 0.0109
CMYK	0.54, 0.23, 0.00, 0.01
HSL	205°, 96%, 72%
HSV	205°, 54%, 99%
XYZ	44.3936, 49.8872, 99.5574
YIQ	177.8770, -65.3810, 0.9790

Conversions

Conversions Part 2

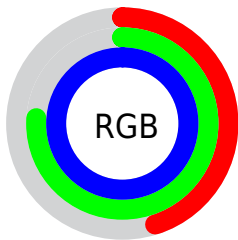
Format	Color
R _Y B	116, 166, 252
Decimal	7652348
CIE Lab	76.00, -8.61, -35.50
CIE LCh	76, 36.528, 256.363
Yxy	49.8872, 0.2290, 0.2574
Android (android.graphics.Color)	4285842428 (0xFF74C3FC)
YUV	177.8770, 36.5426, -54.2661
Hunter-Lab	70.6309, -11.4115, -34.1303

Details

The CIELCh color **76, 36.528, 256.363** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **77, 46.798, 60.568**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 24.120, 202.875**, and **56, 36.600, 256.772** is the 20% darker color. If you saturate the color by 10%, you get **72, 42.325, 259.663**, and if you desaturate by 10%, it is **80, 30.392, 253.612**.

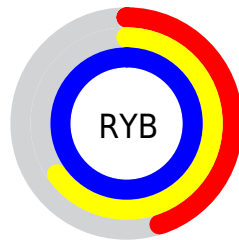
Distribution



Red (45%)

Green (76%)

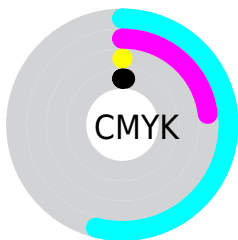
Blue (99%)



Red (45%)

Yellow (65%)

Blue (99%)

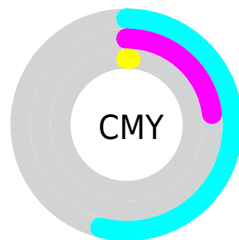


Cyan (54%)

Magenta (23%)

Yellow (0%)

Black (1%)



Cyan (54%)


Magenta (23%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 36.528, 256.363 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, 36.528, 256.363 by changing the saturation by 10% instead.


 76, 36.528,
256.363


 76, 36.528,
256.363


 100, 36.528,
256.363


 66, 36.528,
256.363


 96, 36.528,
256.363

 56, 36.528,
256.363

 46, 36.528,
256.363

 36, 36.528,
256.363

 26, 36.528,
256.363

 16, 36.528,
256.363

 6, 36.528, 256.363

■ 0, 36.528, 256.363

■ 76, 36.528,
256.363

■ 76, 36.528,
256.363

■ 72, 42.325,
259.663

■ 80, 30.392,
253.612

■ 68, 47.831,
263.554

■ 84, 23.921,
251.343

■ 65, 53.154,
268.013

■ 89, 17.147,
249.481

■ 62, 58.454,
272.918

■ 93, 10.118,
247.961

■ 60, 61.766,
275.950

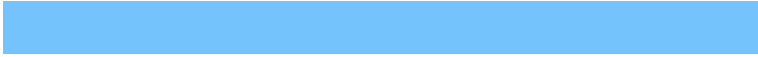
■ 97, 2.886, 246.815

100, 1.404,
110.018

Harmonies

Complementary

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



76, 36.528, 256.363



77, 46.798, 60.568

Rectangle

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



76, 36.528, 256.363



76, 36.528, 306.363



76, 36.528, 76.363



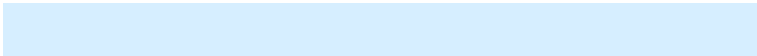
76, 36.528, 126.363

Sweetspot

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



76, 36.527, 256.363



93, 11.703, 248.253



90, 60.910, 153.732



49, 7.879, 248.553



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, 36.527, 256.363



72, 43.314, 260.069



58, 70.471, 295.309



50, 4.124, 247.391



45, 48.917, 275.000



13, 19.909, 267.524

Inverse Universe

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



67, 62.563, 344.867



63, 73.325, 346.550



94, 61.738, 100.921



49, 6.635, 340.241



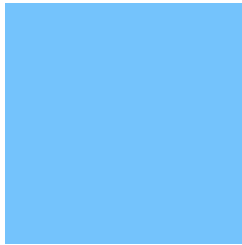
41, 69.113, 354.628



10, 32.035, 350.112

Previews

White Background



This preview shows how the CIE LCh color 76, 36.528, 256.363 looks on a white background.

Color Contrast Check

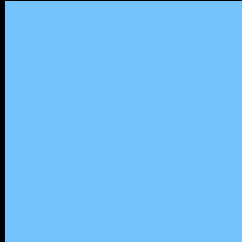
Large Text (above 18pt) WCAG AA × Fail

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, 36.528, 256.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

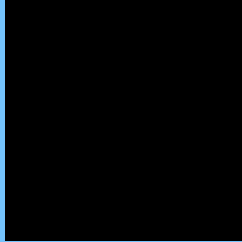
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

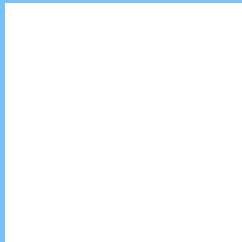
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 36.528, 256.363

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.528, 256.363.

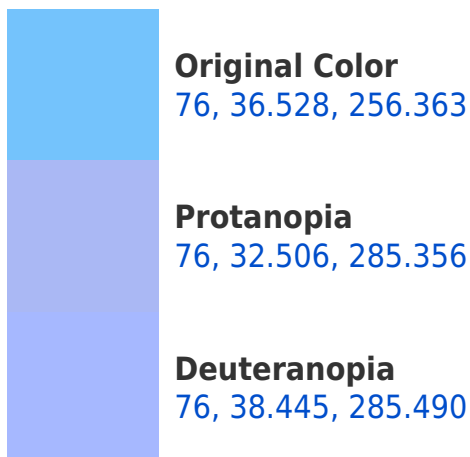


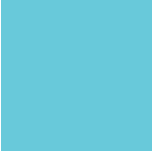
This preview shows how white text looks on a background with the CIELCh color 76, 36.528, 256.363.

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](#).

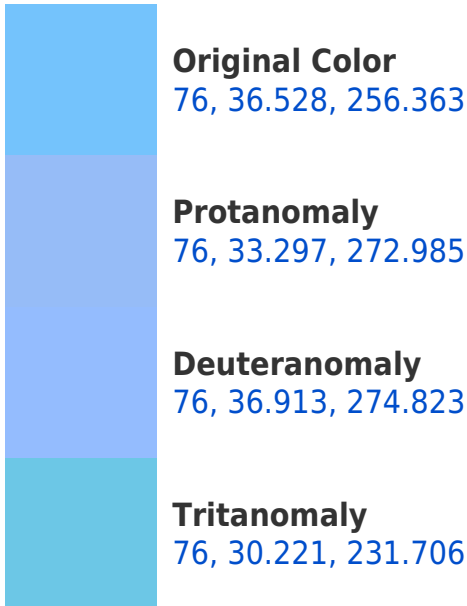
Dichromacy



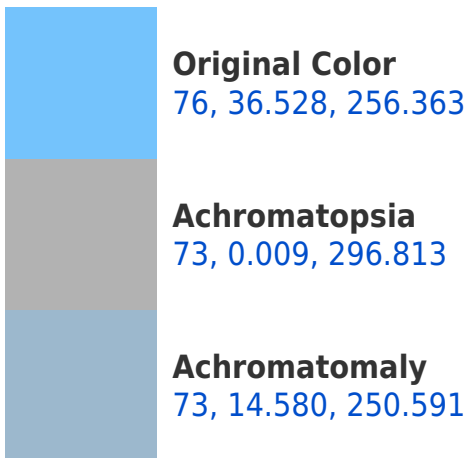


Tritanopia
76, 29.484, 215.765

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.528, 256.363 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(116, 195, 252)` looks like.

```
.text, #text, p{  
    color:rgb(116, 195, 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(116, 195, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 195, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.528, 256.363 is called "border". The border property can be set on classes, ids or directly on the HTML element.

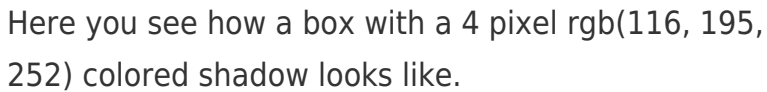
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 195, 252) }
```

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

```
.border{ border-color:rgb(116, 195, 252) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 195, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 195, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 195, 252);  
box-shadow:4px 4px 4px 4px rgb(116, 195,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.528, 256.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 195, 252) }
```

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

```
.background{ background-color: rgb(116,  
195, 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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