

Converting Colors

CIELCh(78, 55.283, 271.184)

Have a look what the booklet for
CIELCh(78, 55.283, 271.184)
contains.

CIELCh(76, 38.223, 252.252)	3
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Color

CIELCh(76, 38.223, 252.252)

Conversions

Conversions Part 1

Format	Color
Hex	67C5FE
RGB	103, 197, 254
RGB Percent	40%, 77%, 100%
CMY	0.5972, 0.2279, 0.0046
CMYK	0.60, 0.22, 0.00, 0.00
HSL	203°, 98%, 70%
HSV	203°, 60%, 100%
XYZ	43.3583, 49.8872, 100.9573
YIQ	175.3920, -74.3210, -2.2010

Conversions

Conversions Part 2

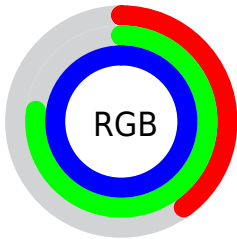
Format	Color
R _Y B	103, 161, 254
Decimal	6800894
CIE Lab	76.00, -11.65, -36.40
CIE LCh	76, 38.223, 252.252
Yxy	49.8872, 0.2233, 0.2569
Android (android.graphics.Color)	4284990974 (0xFF67C5FE)
YUV	175.3920, 38.7537, -63.4878
Hunter-Lab	70.6309, -14.0279, -35.3054

Details

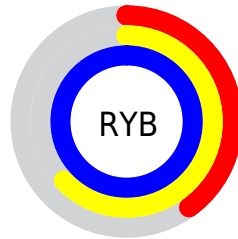
The CIELCh color **76, 38.223, 252.252** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **74, 53.072, 55.957**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 27.759, 198.778**, and **56, 38.296, 252.584** is the 20% darker color. If you saturate the color by 10%, you get **73, 43.231, 255.789**, and if you desaturate by 10%, it is **80, 32.769, 249.320**.

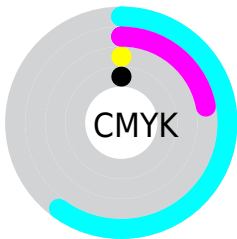
Distribution



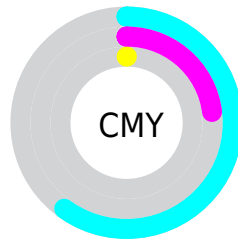
- Red (40%)
- Green (77%)
- Blue (100%)



- Red (40%)
- Yellow (63%)
- Blue (100%)



- Cyan (60%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (60%)
- Magenta (23%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 38.223, 252.252 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, 38.223, 252.252 by changing the saturation by 10% instead.


 76, 38.223,
252.252


 76, 38.223,
252.252


 100, 38.223,
252.252


 66, 38.223,
252.252


 96, 38.223,
252.252

 56, 38.223,
252.252

 46, 38.223,
252.252

 36, 38.223,
252.252

 26, 38.223,
252.252

 16, 38.223,
252.252

 6, 38.223, 252.252

■ 0, 38.223, 252.252

■ 76, 38.223,
252.252

■ 76, 38.223,
252.252

■ 73, 43.231,
255.789

■ 80, 32.769,
249.320

■ 69, 47.867,
259.965

■ 83, 26.866,
246.923

■ 66, 52.272,
264.733

■ 87, 20.545,
244.976

■ 63, 56.669,
269.870

■ 91, 13.862,
243.404

■ 63, 56.882,
270.103

■ 96, 6.881, 242.155

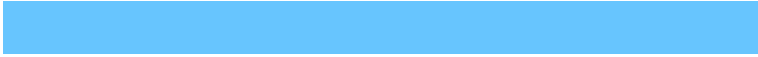
100, 0.334, 59.474

100, 0.587,

Harmonies

Complementary

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



76, 38.223, 252.252



74, 53.072, 55.957

Rectangle

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



76, 38.223, 252.252



76, 38.223, 302.252



76, 38.223, 72.252



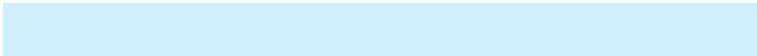
76, 38.223, 122.252

Sweetspot

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



76, 38.222, 252.252



92, 12.857, 243.192



90, 69.660, 150.727



48, 8.887, 243.601



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, 38.222, 252.252



72, 44.095, 256.368



56, 74.420, 294.557



51, 4.119, 242.152



48, 45.391, 269.151



15, 19.164, 261.895

Inverse Universe

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



66, 69.997, 343.243



61, 79.610, 344.953



92, 65.082, 97.465



50, 6.950, 338.239



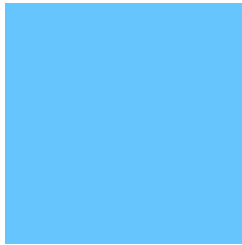
42, 71.128, 351.004



11, 33.536, 347.335

Previews

White Background



This preview shows how the CIELCh color 76, 38.223, 252.252 looks on a white background.

Color Contrast Check

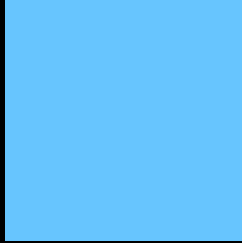
Large Text (above 18pt) WCAG AA × Fail

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, 38.223, 252.252 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

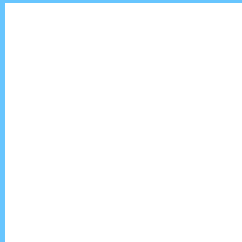
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 38.223, 252.252

Background



This preview shows how black text looks on a background with the CIELCh color 76, 38.223, 252.252.

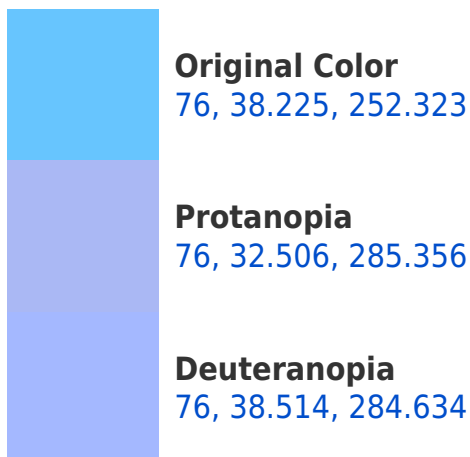


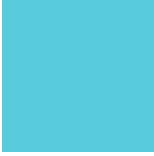
This preview shows how white text looks on a background with the CIELCh color 76, 38.223, 252.252.

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, 32.913, 213.571

Trichromacy



Original Color
76, 38.225, 252.323

Protanomaly
76, 33.698, 270.728

Deuteranomaly
76, 37.420, 272.065

Tritanomaly
76, 33.103, 228.195

Monochromacy



Original Color
76, 38.225, 252.323

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 15.844, 245.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 38.223, 252.252 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(103, 197, 254)` looks like.

```
.text, #text, p{  
    color:rgb(103, 197, 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(103, 197, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 197, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 38.223, 252.252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

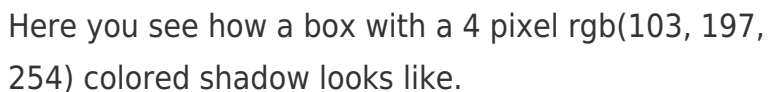
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 197, 254) }
```

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

```
.border{ border-color:rgb(103, 197, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(103, 197, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 197, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 197, 254);  
box-shadow:4px 4px 4px 4px rgb(103, 197,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 38.223, 252.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 197, 254) }
```

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

```
.background{ background-color: rgb(103,  
197, 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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