

Converting Colors

CIELCh(77, 35.399, 240.624)

Have a look what the booklet for
CIELCh(77, 35.399, 240.624)
contains.

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Color

CIELCh(77, 35.376, 240.276)

Conversions

Conversions Part 1

Format	Color
Hex	62CAF6
RGB	98, 202, 246
RGB Percent	38%, 79%, 96%
CMY	0.6153, 0.2076, 0.0350
CMYK	0.60, 0.18, 0.00, 0.04
HSL	198°, 89%, 67%
HSV	198°, 60%, 96%
XYZ	42.8271, 51.5317, 94.9340
YIQ	175.9200, -76.1080, -8.3640

Conversions

Conversions Part 2

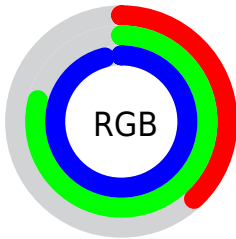
Format	Color
R _Y B	98, 159, 246
Decimal	6474486
CIE Lab	77.00, -17.54, -30.72
CIE LCh	77, 35.376, 240.276
Yxy	51.5317, 0.2262, 0.2722
Android (android.graphics.Color)	4284664566 (0xFF62CAF6)
YUV	175.9200, 34.5494, -68.3358
Hunter-Lab	71.7856, -19.1321, -28.1590

Details

The CIELCh color **77, 35.376, 240.276** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **69, 53.645, 48.637**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.391, 197.607**, and **57, 35.488, 240.548** is the 20% darker color. If you saturate the color by 10%, you get **74, 39.267, 243.385**, and if you desaturate by 10%, it is **80, 30.831, 237.774**.

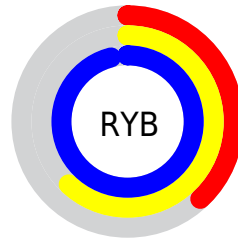
Distribution



Red (38%)

Green (79%)

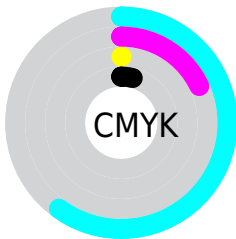
Blue (96%)



Red (38%)

Yellow (62%)

Blue (96%)

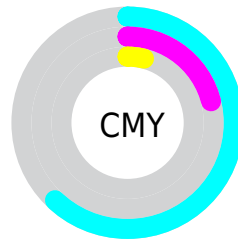


Cyan (60%)

Magenta (18%)

Yellow (0%)

Black (4%)



Cyan (62%)


Magenta (21%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 35.376, 240.276 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 77, 35.376, 240.276 by changing the saturation by 10% instead.


 77, 35.376,
240.276


 77, 35.376,
240.276


 100, 35.376,
240.276


 67, 35.376,
240.276


 97, 35.376,
240.276

 57, 35.376,
240.276

 47, 35.376,
240.276

 37, 35.376,
240.276

 27, 35.376,
240.276

 17, 35.376,
240.276

 7, 35.376, 240.276

0, 35.376, 240.276

77, 35.376,
240.276

77, 35.376,
240.276

74, 39.267,
243.385

80, 30.831,
237.774

72, 42.547,
247.176

83, 25.656,
235.786

69, 45.340,
251.666

86, 19.913,
234.221

67, 47.865,
256.610

90, 13.683,
233.000

93, 7.052, 232.074

97, 0.103, 236.987

99, 3.696, 100.440

100, 4.517,
109.823

Harmonies

Complementary

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



77, 35.376, 240.276



69, 53.645, 48.637

Rectangle

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



77, 35.376, 240.276



77, 35.376, 290.276



77, 35.376, 60.276



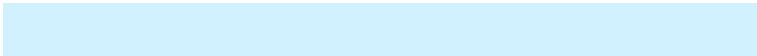
77, 35.376, 110.276

Sweetspot

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



77, 35.375, 240.275



93, 12.655, 232.781



87, 73.308, 147.437



49, 8.729, 233.088



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 35.375, 240.275



76, 41.062, 244.086



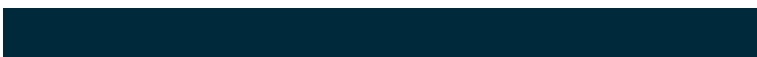
57, 65.863, 290.609



49, 3.942, 232.024



52, 38.503, 255.647



15, 16.209, 247.926

Inverse Universe

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



64, 72.277, 339.124



62, 84.175, 340.513



86, 60.080, 91.947



48, 7.112, 334.797



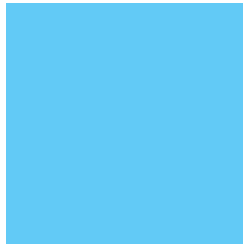
41, 72.985, 344.700



10, 33.311, 341.913

Previews

White Background



This preview shows how the CIELCh color 77, 35.376, 240.276 looks on a white background.

Color Contrast Check

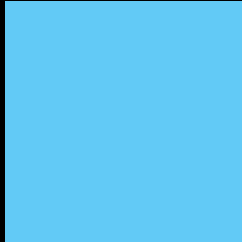
Large Text (above 18pt) WCAG AA × Fail

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 77, 35.376, 240.276 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

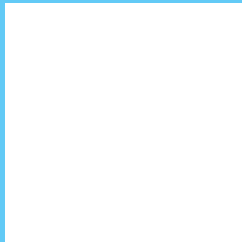
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 35.376, 240.276

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.376, 240.276.

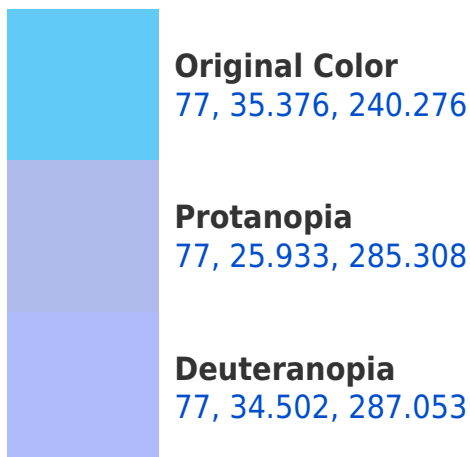


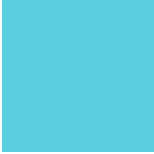
This preview shows how white text looks on a background with the CIELCh color 77, 35.376, 240.276.

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
77, 33.510, 213.209

Trichromacy



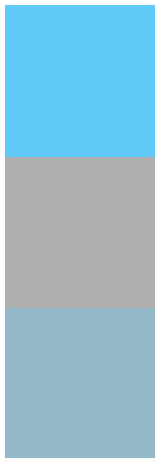
Original Color
77, 35.376, 240.276

Protanomaly
76, 28.115, 263.735

Deuteranomaly
76, 32.951, 268.371

Tritanomaly
77, 33.293, 222.501

Monochromacy



Original Color
77, 35.376, 240.276

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 14.966, 234.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.376, 240.276 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(98, 202, 246)` looks like.

```
.text, #text, p{  
    color:rgb(98, 202, 246)  
}
```

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(98, 202, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 202, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.376, 240.276 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(98, 202, 246) }
```

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

```
.border{ border-color:rgb(98, 202, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 202, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 202, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 202, 246);  
box-shadow:4px 4px 4px 4px rgb(98, 202,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.376, 240.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 202, 246) }
```

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

```
.background{ background-color: rgb(98, 202,  
246) }
```

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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