

Converting Colors

CIELCh(77, 39.713, 298.716)

Have a look what the booklet for
CIELCh(77, 39.713, 298.716)
contains.

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Color

CIELCh(77, 40.055, 298.693)

Conversions

Conversions Part 1

Format	Color
Hex	C0B5FF
RGB	192, 181, 255
RGB Percent	75%, 71%, 100%
CMY	0.2467, 0.2898, 0.0000
CMYK	0.25, 0.29, 0.00, 0.00
HSL	249°, 100%, 86%
HSV	249°, 29%, 100%
XYZ	56.3722, 51.5317, 101.6683
YIQ	192.7250, -17.1980, 25.3460

Conversions

Conversions Part 2

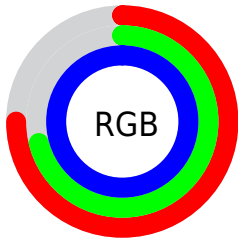
Format	Color
R_{YB}	192, 181, 255
Decimal	12629503
CIE _{Lab}	77.00, 19.23, -35.14
CIE _{LCh}	77, 40.055, 298.693
Yxy	51.5317, 0.2690, 0.2459
Android (android.graphics.Color)	4290819583 (0xFFC0B5FF)
YUV	192.7250, 30.7016, -0.6358
Hunter-Lab	71.7856, 14.5487, -33.7211

Details

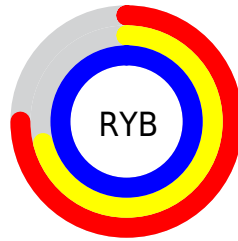
The CIELCh color $77, 40.055, 298.693$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $98, 37.377, 113.822$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 10.199, 314.943$, and $57, 40.171, 298.739$ is the 20% darker color. If you saturate the color by 10%, you get $69, 54.880, 299.908$, and if you desaturate by 10%, it is $85, 25.677, 297.638$.

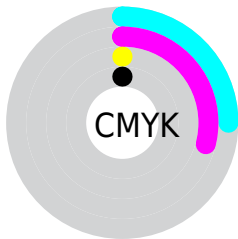
Distribution



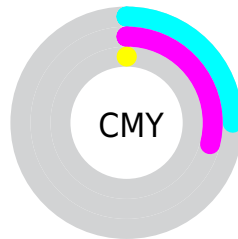
- Red (75%)
- Green (71%)
- Blue (100%)



- Red (75%)
- Yellow (71%)
- Blue (100%)



- Cyan (25%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)




- Cyan (25%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 40.055, 298.693 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, 40.055, 298.693 by changing the saturation by 10% instead.

 77, 40.055,
298.693

 77, 40.055,
298.693


 100, 40.055,
298.693


 67, 40.055,
298.693


 97, 40.055,
298.693

 57, 40.055,
298.693

 47, 40.055,
298.693

 37, 40.055,
298.693

 27, 40.055,
298.693

 17, 40.055,
298.693

 7, 40.055, 298.693

■ 0, 40.055, 298.693

■ 77, 40.055,
298.693

■ 77, 40.055,
298.693

■ 69, 54.880,
299.908

■ 85, 25.677,
297.638

■ 61, 70.250,
301.268

■ 93, 11.915,
296.725

■ 54, 85.888,
302.737

100, 0.012,
296.813

■ 47, 101.250,
304.220

■ 41, 115.233,
305.541

■ 36, 126.080,
306.445

■ 33, 132.271,
306.754

■ 33, 132.763,
306.779

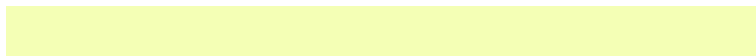
Harmonies

Complementary

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



77, 40.055, 298.693



98, 37.377, 113.822

Rectangle

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



77, 40.055, 298.693



77, 40.055, 348.693



77, 40.055, 118.693



77, 40.055, 168.693

Sweetspot

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



77, 39.999, 298.696



93, 11.940, 296.727



93, 20.939, 212.347



48, 8.320, 296.851



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, 39.999, 298.696



72, 48.891, 299.407



80, 42.479, 314.854



49, 7.550, 296.770



24, 106.786, 306.868



4, 44.458, 304.605

Inverse Universe

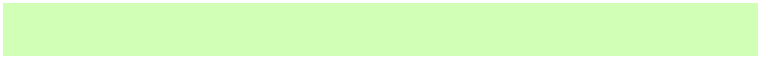
The Inverse Universe completely reimagines the original color for something new.



82, 41.835, 330.586



79, 50.353, 330.971



95, 41.304, 132.242



50, 8.173, 329.353



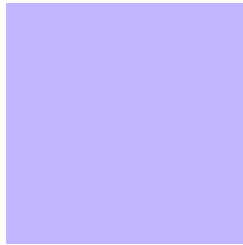
44, 82.831, 335.222



12, 38.638, 334.257

Previews

White Background



This preview shows how the CIELCh color 77, 40.055, 298.693 looks on a white background.

Color Contrast Check

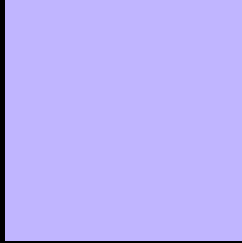
Large Text (above 18pt) WCAG AA × Fail

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, 40.055, 298.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

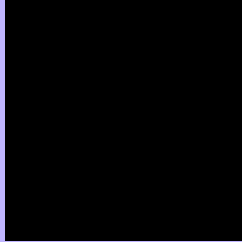
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 40.055, 298.693

Background



This preview shows how black text looks on a background with the CIELCh color 77, 40.055, 298.693.

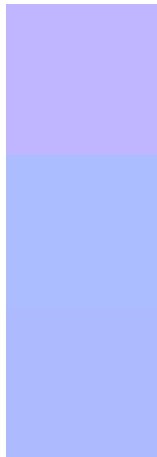


This preview shows how white text looks on a background with the CIELCh color 77, 40.055, 298.693.

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



Original Color

77, 40.055, 298.693

Protanopia

77, 36.167, 285.108

Deuteranopia

77, 36.108, 286.538



Tritanopia
77, 8.477, 271.463

Trichromacy



Original Color
77, 40.055, 298.693

Protanomaly
77, 37.621, 290.711

Deuteranomaly
77, 37.080, 291.091

Tritanomaly
77, 19.897, 291.019

Monochromacy



Original Color
77, 40.055, 298.693

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 14.587, 296.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 40.055, 298.693 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(192, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 181, 255)  
}
```

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(192, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 181, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 40.055, 298.693 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(192, 181, 255) }
```

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

```
.border{ border-color:rgb(192, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 181,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 40.055, 298.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 181, 255) }
```

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

```
.background{ background-color: rgb(192,  
181, 255) }
```

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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