

Converting Colors

CIELCh(77, 46.308, 311.522)

Have a look what the booklet for
CIELCh(77, 46.308, 311.522)
contains.

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Color

CIELCh(77, 46.379, 311.463)

Conversions

Conversions Part 1

Format	Color
Hex	D8ADFF
RGB	216, 173, 255
RGB Percent	85%, 68%, 100%
CMY	0.1541, 0.3227, 0.0012
CMYK	0.15, 0.32, 0.00, 0.00
HSL	271°, 99%, 84%
HSV	271°, 32%, 100%
XYZ	61.1204, 51.5317, 101.0753
YIQ	195.2050, -0.6940, 34.6180

Conversions

Conversions Part 2

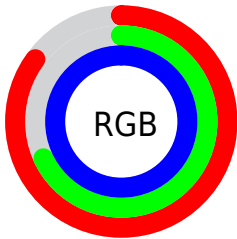
Format	Color
R _Y B	216, 173, 255
Decimal	14200319
CIE Lab	77.00, 30.71, -34.76
CIE LCh	77, 46.379, 311.463
Yxy	51.5317, 0.2860, 0.2411
Android (android.graphics.Color)	4292390399 (0xFFD8ADFF)
YUV	195.2050, 29.4789, 18.2372
Hunter-Lab	71.7856, 26.3553, -33.2314

Details

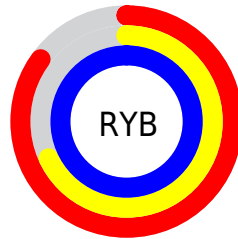
The CIELCh color $77, 46.379, 311.463$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $95, 44.418, 128.412$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 16.248, 324.987$, and $57, 46.476, 311.442$ is the 20% darker color. If you saturate the color by 10%, you get $70, 61.290, 311.988$, and if you desaturate by 10%, it is $84, 31.604, 310.945$.

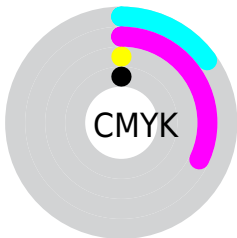
Distribution



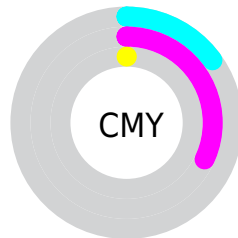
- Red (85%)
- Green (68%)
- Blue (100%)



- Red (85%)
- Yellow (68%)
- Blue (100%)



- Cyan (15%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (32%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 46.379, 311.463 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, 46.379, 311.463 by changing the saturation by 10% instead.

 77, 46.379,
311.463

 77, 46.379,
311.463


 100, 46.379,
311.463

 67, 46.379,
311.463


 97, 46.379,
311.463

 57, 46.379,
311.463

 47, 46.379,
311.463

 37, 46.379,
311.463

 27, 46.379,
311.463

 17, 46.379,
311.463

 7, 46.379, 311.463

■ 0, 46.379, 311.463

■ 77, 46.379,
311.463

■ 77, 46.379,
311.463

■ 70, 61.290,
311.988

■ 84, 31.604,
310.945

■ 64, 76.059,
312.486

■ 91, 17.130,
310.451

■ 57, 90.212,
312.905

■ 98, 3.037, 309.958

■ 52, 103.031,
313.166

■ 100, 0.143,
109.627

■ 47, 113.566,
313.165

■ 44, 120.852,
312.790

■ 42, 124.271,
312.243

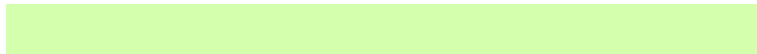
Harmonies

Complementary

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



77, 46.379, 311.463



95, 44.418, 128.412

Rectangle

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



77, 46.379, 311.463



77, 46.379, 1.463



77, 46.379, 131.463



77, 46.379, 181.463

Sweetspot

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



77, 46.377, 311.463



93, 14.029, 310.347



84, 25.113, 262.470



48, 9.590, 310.414



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, 46.377, 311.463



72, 56.593, 311.822



81, 50.700, 326.659



49, 7.971, 310.323



31, 100.005, 312.438



6, 44.869, 313.550

Inverse Universe

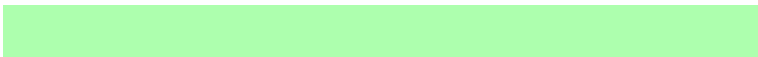
The Inverse Universe completely reimagines the original color for something new.



79, 36.225, 348.149



76, 43.930, 349.015



93, 50.725, 142.554



50, 6.281, 345.757



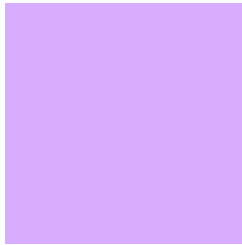
41, 68.055, 4.449



10, 31.660, 358.476

Previews

White Background



This preview shows how the CIELCh color 77, 46.379, 311.463 looks on a white background.

Color Contrast Check

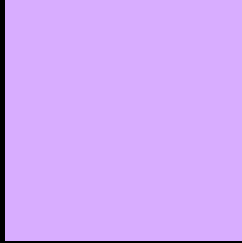
Large Text (above 18pt) WCAG AA × Fail

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, 46.379, 311.463 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, 46.379, 311.463

Background



This preview shows how black text looks on a background with the CIELCh color 77, 46.379, 311.463.

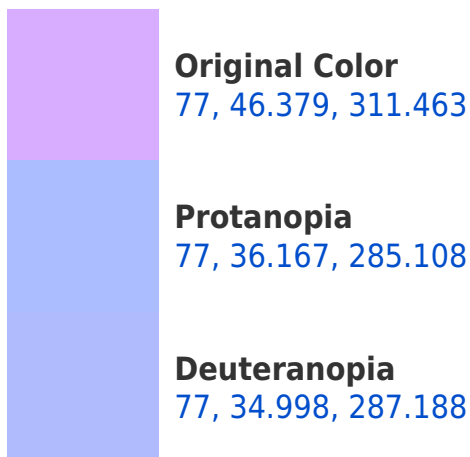


This preview shows how white text looks on a background with the CIELCh color 77, 46.379, 311.463.

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, 11.092, 337.724

Trichromacy



Original Color
77, 46.379, 311.463



Protanomaly
77, 39.360, 295.969



Deuteranomaly
77, 38.350, 297.372

Tritanomaly
77, 23.590, 318.651

Monochromacy



Original Color
77, 46.379, 311.463



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 17.133, 310.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 46.379, 311.463 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(216, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 173, 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(216, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 173, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 46.379, 311.463 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(216, 173, 255) }
```

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

```
.border{ border-color:rgb(216, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 173,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 46.379, 311.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 173, 255) }
```

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

```
.background{ background-color: rgb(216,  
173, 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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