

Converting Colors

CIELCh(77, 16.348, 314.632)

Have a look what the booklet for
CIELCh(77, 16.348, 314.632)
contains.

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Color

CIELCh(77, 16.442, 314.440)

Conversions

Conversions Part 1

Format	Color
Hex	CAB8D4
RGB	202, 184, 212
RGB Percent	79%, 72%, 83%
CMY	0.2082, 0.2788, 0.1690
CMYK	0.05, 0.13, 0.00, 0.17
HSL	279°, 25%, 78%
HSV	279°, 13%, 83%
XYZ	53.3215, 51.5317, 69.3574
YIQ	192.5740, 1.7400, 12.5240

Conversions

Conversions Part 2

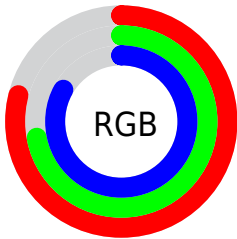
Format	Color
R _Y B	202, 184, 212
Decimal	13285588
CIE Lab	77.00, 11.51, -11.74
CIE LCh	77, 16.442, 314.440
Yxy	51.5317, 0.3061, 0.2958
Android (android.graphics.Color)	4291475668 (0xFFCAB8D4)
YUV	192.5740, 9.5770, 8.2666
Hunter-Lab	71.7856, 6.9629, -7.0345

Details

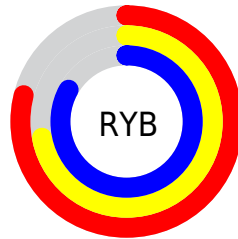
The CIELCh color $77, 16.442, 314.440$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $83, 16.234, 133.338$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 9.351, 324.734$, and $57, 16.238, 314.930$ is the 20% darker color. If you saturate the color by 10%, you get $71, 29.183, 314.886$, and if you desaturate by 10%, it is $83, 3.953, 313.984$.

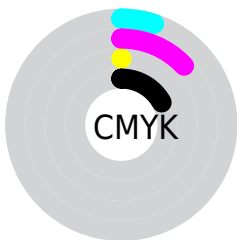
Distribution



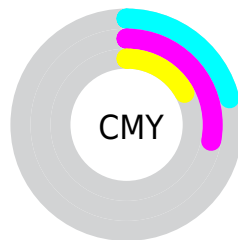
- Red (79%)
- Green (72%)
- Blue (83%)



- Red (79%)
- Yellow (72%)
- Blue (83%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (17%)





- Cyan (21%)
- Magenta (28%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 16.442, 314.440 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, 16.442, 314.440 by changing the saturation by 10% instead.

 77, 16.442,
314.440

 77, 16.442,
314.440


 100, 16.442,
314.440


 67, 16.442,
314.440


 97, 16.442,
314.440

 57, 16.442,
314.440

 47, 16.442,
314.440

 37, 16.442,
314.440

 27, 16.442,
314.440

 17, 16.442,
314.440

 7, 16.442, 314.440

■ 0, 16.442, 314.440

■ 77, 16.442,
314.440

■ 77, 16.442,
314.440

■ 71, 29.183,
314.886

■ 83, 3.953, 313.984

■ 89, 8.217, 133.653

■ 65, 42.072,
315.335

■ 95, 20.045,
133.277

■ 60, 54.920,
315.766

■ 97, 23.444,
129.341

■ 54, 67.423,
316.146

■ 98, 22.559,
122.909

■ 50, 79.129,
316.427

■ 98, 21.990,
115.947

■ 45, 89.422,
316.543

■ 99, 21.774,

■ 42, 97.587,
316.418

108.641

■ 39, 103.004,
315.975

■ 99, 21.774,
108.528

■ 38, 105.364,
315.527

Harmonies

Complementary

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



77, 16.442, 314.440



83, 16.234, 133.338

Rectangle

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



77, 16.442, 314.440



77, 16.442, 4.440



77, 16.442, 134.440



77, 16.442, 184.440

Sweetspot

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



77, 16.440, 314.439



97, 5.727, 314.027



78, 10.066, 270.196



51, 4.073, 314.064



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, 16.440, 314.439



89, 23.214, 314.570



78, 16.554, 329.070



42, 7.094, 314.272



30, 89.652, 315.682



4, 30.138, 314.368

Inverse Universe

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



77, 11.751, 353.341



89, 16.620, 353.661



82, 16.517, 147.477



42, 5.060, 352.942



36, 63.415, 15.441



5, 22.502, 3.163

Previews

White Background



This preview shows how the CIELCh color 77, 16.442, 314.440 looks on a white background.

Color Contrast Check

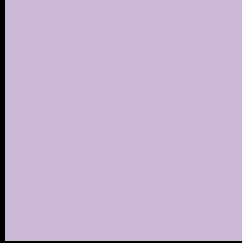
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 16.442, 314.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

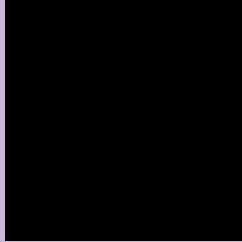
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 16.442, 314.440

Background



This preview shows how black text looks on a background with the CIELCh color 77, 16.442, 314.440.



This preview shows how white text looks on a background with the CIELCh color 77, 16.442, 314.440.

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, 16.442, 314.440

Protanopia

77, 13.986, 287.192

Deuteranopia

77, 15.418, 310.273



Tritanopia
77, 9.141, 324.795

Trichromacy



Original Color
77, 16.442, 314.440

Protanomaly
77, 14.658, 298.369

Deuteranomaly
77, 15.537, 311.528

Tritanomaly
77, 11.802, 320.460

Monochromacy



Original Color
77, 16.442, 314.440

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 5.976, 315.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 16.442, 314.440 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(202, 184, 212)` looks like.

```
.text, #text, p{  
    color:rgb(202, 184, 212)  
}
```

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(202, 184, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 184, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 16.442, 314.440 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(202, 184, 212) }
```

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

```
.border{ border-color:rgb(202, 184, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 184, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 184, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 184, 212);  
box-shadow:4px 4px 4px 4px rgb(202, 184,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 16.442, 314.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 184, 212) }
```

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

```
.background{ background-color: rgb(202,  
184, 212) }
```

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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