

Converting Colors

CIELCh(77, 23.605, 315.697)

Have a look what the booklet for
CIELCh(77, 23.605, 315.697)
contains.

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Color

CIELCh(77, 23.605, 315.697)

Conversions

Conversions Part 1

Format	Color
Hex	D0B5DD
RGB	208, 181, 221
RGB Percent	82%, 71%, 87%
CMY	0.1853, 0.2911, 0.1343
CMYK	0.06, 0.18, 0.00, 0.13
HSL	280°, 37%, 79%
HSV	280°, 18%, 87%
XYZ	55.4362, 51.5317, 75.2578
YIQ	193.6330, 3.2520, 18.1640

Conversions

Conversions Part 2

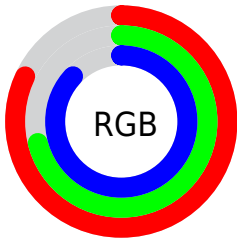
Format	Color
R_{YB}	208, 181, 221
Decimal	13678045
CIE _{Lab}	77.00, 16.89, -16.49
CIE _{LCh}	77, 23.605, 315.697
Yxy	51.5317, 0.3042, 0.2828
Android (android.graphics.Color)	4291868125 (0xFFD0B5DD)
YUV	193.6330, 13.4919, 12.5999
Hunter-Lab	71.7856, 12.2213, -11.9078

Details

The CIELCh color **77, 23.605, 315.697** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85, 23.249, 134.134**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 11.228, 324.804**, and **57, 23.657, 315.341** is the 20% darker color. If you saturate the color by 10%, you get **71, 36.936, 316.141**, and if you desaturate by 10%, it is **83, 10.463, 315.255**.

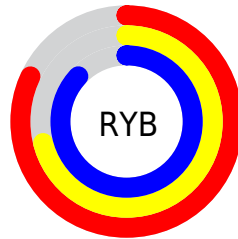
Distribution



Red (82%)

Green (71%)

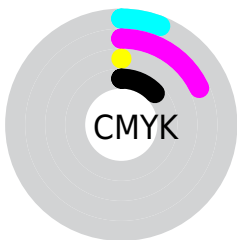
Blue (87%)



Red (82%)

Yellow (71%)

Blue (87%)

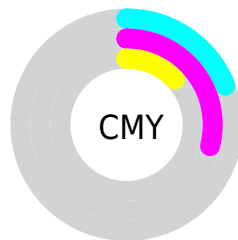


Cyan (6%)

Magenta (18%)

Yellow (0%)

Black (13%)



Cyan (19%)


Magenta (29%)

Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 23.605, 315.697 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, 23.605, 315.697 by changing the saturation by 10% instead.

 77, 23.605,
315.697

 77, 23.605,
315.697


 100, 23.605,
315.697


 67, 23.605,
315.697


 97, 23.605,
315.697

 57, 23.605,
315.697

 47, 23.605,
315.697

 37, 23.605,
315.697

 27, 23.605,
315.697

 17, 23.605,
315.697

 7, 23.605, 315.697

0, 23.605, 315.697

77, 23.605,
315.697

77, 23.605,
315.697

71, 36.936,
316.141

83, 10.463,
315.255

65, 50.300,
316.575

89, 2.389, 134.939

60, 63.429,
316.971

95, 14.903,
134.491

55, 75.920,
317.290

98, 18.677,
129.919

50, 87.211,
317.478

98, 17.863,
122.261

46, 96.607,
317.466

99, 17.405,
113.926

■ 43, 103.418,
317.184

■ 99, 17.320,
108.868

■ 41, 107.366,
316.591

■ 41, 107.977,
316.470

Harmonies

Complementary

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



77, 23.605, 315.697



85, 23.249, 134.134

Rectangle

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



77, 23.605, 315.697



77, 23.605, 5.697



77, 23.605, 135.697



77, 23.605, 185.697

Sweetspot

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



77, 23.603, 315.696



97, 7.225, 315.115



78, 14.858, 273.682



51, 4.932, 315.148



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, 23.603, 315.696



85, 32.344, 315.877



78, 22.972, 330.489



43, 7.291, 315.313



31, 90.079, 316.631



4, 32.622, 316.369

Inverse Universe

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



77, 16.522, 356.038



86, 22.709, 356.519



84, 22.904, 148.169



43, 5.069, 355.081



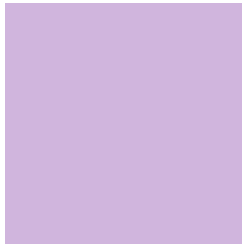
36, 64.859, 18.528



6, 23.970, 5.604

Previews

White Background



This preview shows how the CIELCh color 77, 23.605, 315.697 looks on a white background.

Color Contrast Check

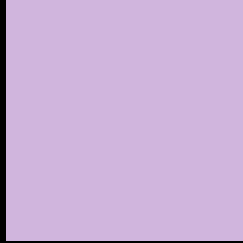
Large Text (above 18pt) WCAG AA × Fail

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, 23.605, 315.697 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, 23.605, 315.697

Background



This preview shows how black text looks on a background with the CIELCh color 77, 23.605, 315.697.

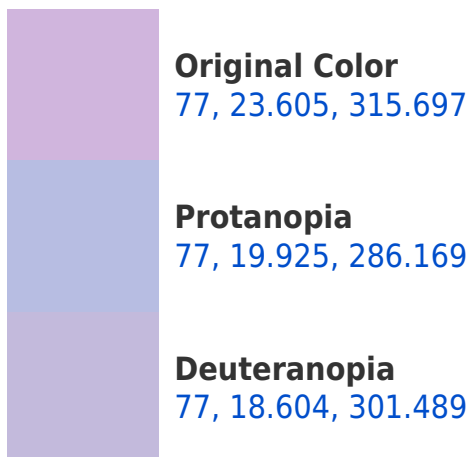


This preview shows how white text looks on a background with the CIELCh color 77, 23.605, 315.697.

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, 10.298, 333.417

Trichromacy



Original Color
77, 23.605, 315.697

Protanomaly
77, 20.583, 297.757

Deuteranomaly
77, 20.239, 307.909

Tritanomaly
77, 15.220, 322.737

Monochromacy



Original Color
77, 23.605, 315.697

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.229, 314.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 23.605, 315.697 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(208, 181, 221)` looks like.

```
.text, #text, p{  
    color:rgb(208, 181, 221)  
}
```

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(208, 181, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 181, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 23.605, 315.697 is called "border". The border property can be set on classes, ids or directly on the HTML element.

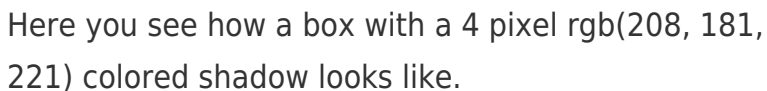
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 181, 221) }
```

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

```
.border{ border-color:rgb(208, 181, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 181, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 181, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 181, 221); box-shadow:4px 4px 4px 4px rgb(208, 181, 221) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 23.605, 315.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 181, 221) }
```

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

```
.background{ background-color: rgb(208,  
181, 221) }
```

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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