

Converting Colors

CIELCh(73, 49.192, 312.966)

Have a look what the booklet for
CIELCh(73, 49.192, 312.966)
contains.

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Color

CIELCh(73, 48.854, 312.901)

Conversions

Conversions Part 1

Format	Color
Hex	D0A0F5
RGB	208, 160, 245
RGB Percent	82%, 63%, 96%
CMY	0.1842, 0.3724, 0.0391
CMYK	0.15, 0.35, 0.00, 0.04
HSL	274°, 81%, 79%
HSV	274°, 35%, 96%
XYZ	55.0875, 45.1644, 92.2310
YIQ	184.0420, 1.3230, 36.6110

Conversions

Conversions Part 2

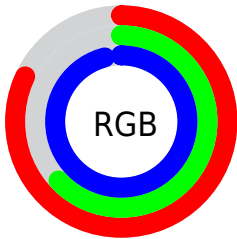
Format	Color
R _{YB}	208, 160, 245
Decimal	13672693
CIE _{Lab}	73.00, 33.26, -35.79
CIE _{LCh}	73, 48.854, 312.901
Y _{xy}	45.1644, 0.2862, 0.2346
Android (android.graphics.Color)	4291862773 (0xFFD0A0F5)
YUV	184.0420, 30.0523, 21.0112
Hunter-Lab	67.2044, 28.7087, -34.3261

Details

The CIELCh color $73, 48.854, 312.901$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $92, 46.848, 129.686$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.059, 325.297$, and $53, 48.452, 312.782$ is the 20% darker color. If you saturate the color by 10%, you get $67, 63.287, 313.383$, and if you desaturate by 10%, it is $80, 34.439, 312.410$.

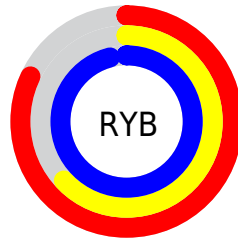
Distribution



Red (82%)

Green (63%)

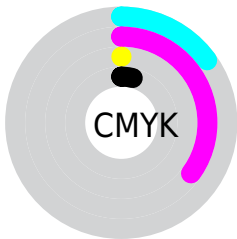
Blue (96%)



Red (82%)

Yellow (63%)

Blue (96%)

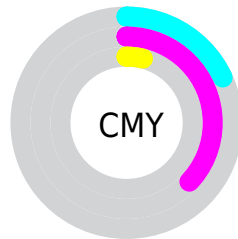


Cyan (15%)

Magenta (35%)

Yellow (0%)

Black (4%)



Cyan (18%)


Magenta (37%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 48.854, 312.901 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 73, 48.854, 312.901 by changing the saturation by 10% instead.


 73, 48.854,
312.901


 73, 48.854,
312.901


 100, 48.854,
312.901


 63, 48.854,
312.901


 93, 48.854,
312.901

 53, 48.854,
312.901

 43, 48.854,
312.901

 33, 48.854,
312.901

 23, 48.854,
312.901

 13, 48.854,
312.901

 3, 48.854, 312.901

0, 48.854, 312.901

73, 48.854,
312.901

73, 48.854,
312.901

67, 63.287,
313.383

80, 34.439,
312.410

60, 77.411,
313.819

86, 20.247,
311.932

55, 90.699,
314.151

93, 6.381, 311.469

50, 102.403,
314.301

99, 5.283, 126.468

100, 5.040,
109.786

45, 111.616,
314.169

42, 117.552,
313.661

■ 41, 119.598,
313.273

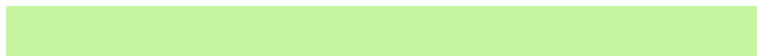
Harmonies

Complementary

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



73, 48.854, 312.901



92, 46.848, 129.686

Rectangle

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



73, 48.854, 312.901



73, 48.854, 2.901



73, 48.854, 132.901



73, 48.854, 182.901

Sweetspot

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



73, 48.852, 312.901



93, 14.152, 311.716



79, 27.201, 266.464



49, 9.673, 311.781



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 48.852, 312.901



71, 61.374, 313.260



77, 51.691, 327.758



47, 7.776, 311.692



31, 97.148, 313.464



6, 41.612, 314.396

Inverse Universe

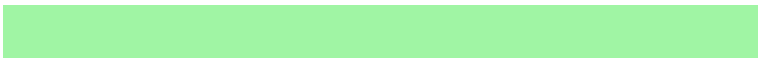
The Inverse Universe completely reimagines the original color for something new.



75, 37.034, 350.920



74, 46.292, 351.963



90, 51.727, 143.220



48, 5.918, 348.089



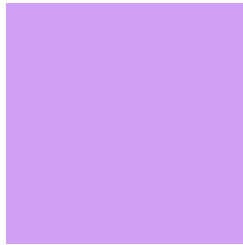
40, 66.675, 8.268



9, 29.794, 1.084

Previews

White Background



This preview shows how the CIELCh color 73, 48.854, 312.901 looks on a white background.

Color Contrast Check

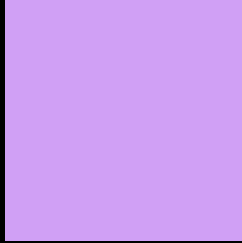
Large Text (above 18pt) WCAG AA × Fail

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 73, 48.854, 312.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

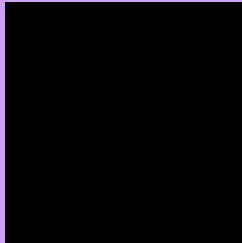
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 48.854, 312.901

Background



This preview shows how black text looks on a background with the CIELCh color 73, 48.854, 312.901.

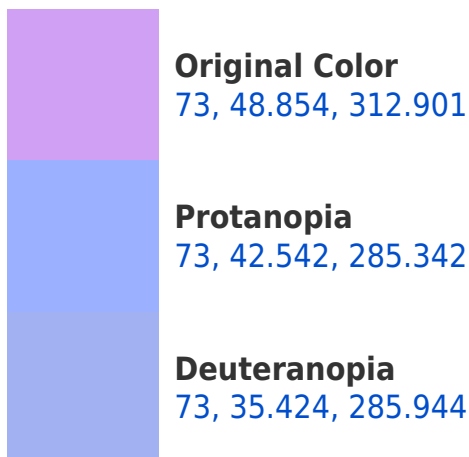



This preview shows how white text looks on a background with the CIELCh color 73, 48.854, 312.901.

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
73, 12.366, 342.674

Trichromacy



Original Color
73, 48.854, 312.901



Protanomaly
73, 43.532, 295.414



Deuteranomaly
73, 39.307, 297.504



Tritanomaly
73, 24.516, 321.792

Monochromacy



Original Color
73, 48.854, 312.901



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 18.084, 312.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 48.854, 312.901 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, 160, 245)` looks like.

```
.text, #text, p{  
    color:rgb(208, 160, 245)  
}
```

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, 160, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 160, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 48.854, 312.901 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, 160, 245) }
```

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

```
.border{ border-color:rgb(208, 160, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 160, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 160, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 160, 245);  
box-shadow:4px 4px 4px 4px rgb(208, 160,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 48.854, 312.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 160, 245) }
```

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

```
.background{ background-color: rgb(208,  
160, 245) }
```

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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