

Converting Colors

CIELCh(74, 23.681, 332.363)

Have a look what the booklet for
CIELCh(74, 23.681, 332.363)
contains.

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Color

CIELCh(74, 23.784, 333.006)

Conversions

Conversions Part 1

Format	Color
Hex	D4A9CA
RGB	212, 169, 202
RGB Percent	83%, 66%, 79%
CMY	0.1681, 0.3368, 0.2074
CMYK	0.00, 0.20, 0.05, 0.17
HSL	314°, 33%, 75%
HSV	314°, 20%, 83%
XYZ	52.0706, 46.7039, 62.2218
YIQ	185.6190, 15.0350, 19.3790

Conversions

Conversions Part 2

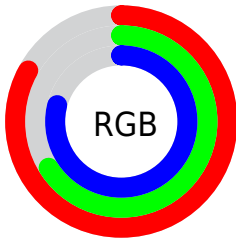
Format	Color
R_{YB}	212, 169, 202
Decimal	13937098
CIE _{Lab}	74.00, 21.19, -10.80
CIE _{LCh}	74, 23.784, 333.006
Yxy	46.7039, 0.3234, 0.2901
Android (android.graphics.Color)	4292127178 (0xFFD4A9CA)
YUV	185.6190, 8.0758, 23.1361
Hunter-Lab	68.3403, 16.4093, -6.1436

Details

The CIELCh color $74, 23.784, 333.006$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 23.659, 150.245$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 19.393, 325.098$, and $54, 23.534, 333.042$ is the 20% darker color. If you saturate the color by 10%, you get $69, 35.513, 333.712$, and if you desaturate by 10%, it is $79, 11.990, 332.324$.

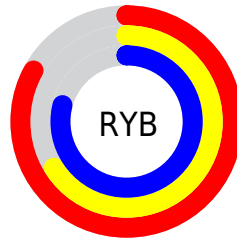
Distribution



Red (83%)

Green (66%)

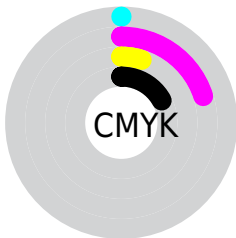
Blue (79%)



Red (83%)

Yellow (66%)

Blue (79%)

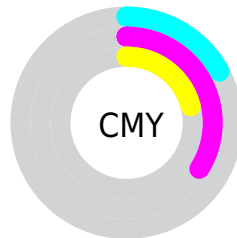


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (17%)



Cyan (17%)

Magenta (34%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 23.784, 333.006 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 74, 23.784, 333.006 by changing the saturation by 10% instead.

 74, 23.784,
333.006

 74, 23.784,
333.006

 100, 23.784,
333.006

 64, 23.784,
333.006

 94, 23.784,
333.006

 54, 23.784,
333.006

 44, 23.784,
333.006

 34, 23.784,
333.006

 24, 23.784,
333.006

 14, 23.784,
333.006

 4, 23.784, 333.006

0, 23.784, 333.006

74, 23.784,
333.006

74, 23.784,
333.006

69, 35.513,
333.712

79, 11.990,
332.324

64, 46.909,
334.447

85, 0.323, 330.683

60, 57.588,
335.220

90, 11.107,
151.134

56, 67.063,
336.042

96, 22.237,
150.542

53, 74.789,
336.933

96, 20.983,
154.757

50, 80.268,
337.927

97, 19.237,
160.007

■ 49, 83.210,
339.070

■ 97, 17.667,
166.217

■ 48, 83.976,
340.346

■ 97, 16.325,
173.511

■ 97, 15.274,
181.933

Harmonies

Complementary

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



74, 23.784, 333.006



81, 23.659, 150.245

Rectangle

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



74, 23.784, 333.006



74, 23.784, 23.006



74, 23.784, 153.006



74, 23.784, 203.006

Sweetspot

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



74, 23.782, 333.007



96, 8.108, 332.032



71, 23.789, 300.151



51, 5.381, 332.079



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 23.782, 333.007



85, 32.714, 333.284



73, 17.637, 359.190



42, 6.674, 332.266



38, 71.651, 340.121



6, 27.773, 337.467

Inverse Universe

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



74, 23.782, 333.007



85, 32.714, 333.284



82, 16.572, 175.222



42, 6.674, 332.266



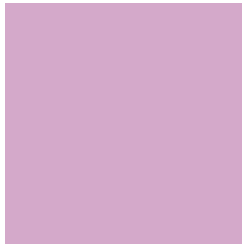
38, 71.651, 340.121



6, 27.773, 337.467

Previews

White Background



This preview shows how the CIELCh color 74, 23.784, 333.006 looks on a white background.

Color Contrast Check

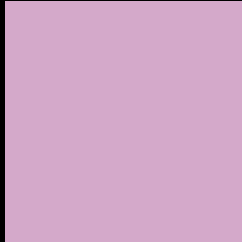
Large Text (above 18pt) WCAG AA × Fail

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 74, 23.784, 333.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

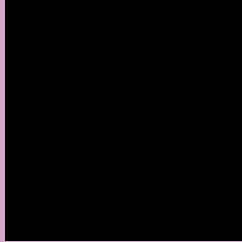
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 23.784, 333.006

Background



This preview shows how black text looks on a background with the CIELCh color 74, 23.784, 333.006.

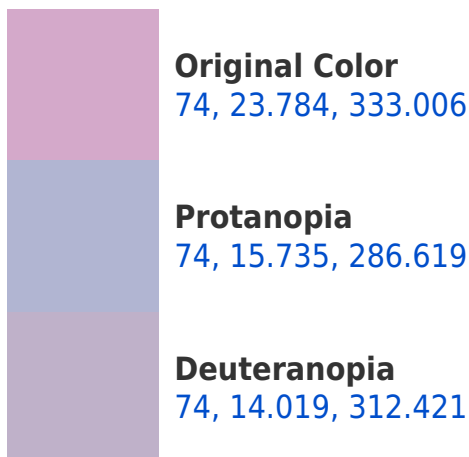


This preview shows how white text looks on a background with the CIELCh color 74, 23.784, 333.006.

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
74, 15.981, 354.876

Trichromacy



Original Color
74, 23.784, 333.006

Protanomaly
74, 16.977, 307.418

Deuteranomaly
74, 17.283, 323.093

Tritanomaly
74, 18.434, 345.291

Monochromacy



Original Color
74, 23.784, 333.006

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 8.567, 330.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 23.784, 333.006 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(212, 169, 202)` looks like.

```
.text, #text, p{  
    color:rgb(212, 169, 202)  
}
```

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(212, 169, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 169, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 23.784, 333.006 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(212, 169, 202) }
```

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

```
.border{ border-color:rgb(212, 169, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 169, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 169, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 169, 202);  
box-shadow:4px 4px 4px 4px rgb(212, 169,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 23.784, 333.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 169, 202) }
```

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

```
.background{ background-color: rgb(212,  
169, 202) }
```

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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