

Converting Colors

CIELCh(72, 40.526, 326.009)

Have a look what the booklet for
CIELCh(72, 40.526, 326.009)
contains.

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Color

CIELCh(72, 40.012, 325.984)

Conversions

Conversions Part 1

Format	Color
Hex	DA9CDA
RGB	218, 156, 218
RGB Percent	85%, 61%, 85%
CMY	0.1457, 0.3888, 0.1457
CMYK	0.00, 0.28, 0.00, 0.15
HSL	300°, 45%, 73%
HSV	300°, 28%, 85%
XYZ	53.3609, 43.6590, 71.8332
YIQ	181.6060, 17.0500, 32.4260

Conversions

Conversions Part 2

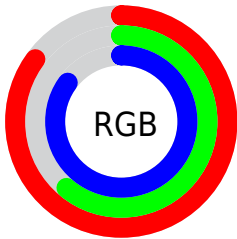
Format	Color
R _Y B	218, 156, 218
Decimal	14327002
CIE Lab	72.00, 33.17, -22.38
CIE LCh	72, 40.012, 325.984
Yxy	43.6590, 0.3160, 0.2586
Android (android.graphics.Color)	4292517082 (0xFFDA9CDA)
YUV	181.6060, 17.9422, 31.9175
Hunter-Lab	66.0750, 28.5220, -18.2044

Details

The CIELCh color $72, 40.012, 325.984$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $82, 40.010, 142.475$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 27.578, 325.385$, and $52, 39.851, 325.859$ is the 20% darker color. If you saturate the color by 10%, you get $67, 53.670, 326.500$, and if you desaturate by 10%, it is $77, 25.966, 325.442$.

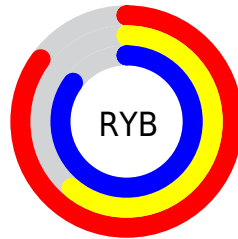
Distribution



Red (85%)

Green (61%)

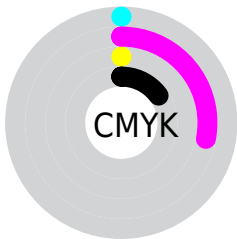
Blue (85%)



Red (85%)

Yellow (61%)

Blue (85%)

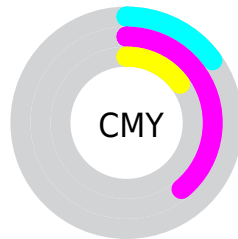


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (15%)



Cyan (15%)


Magenta (39%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 40.012, 325.984 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 72, 40.012, 325.984 by changing the saturation by 10% instead.


 72, 40.012,
325.984

 72, 40.012,
325.984


 100, 40.012,
325.984

 62, 40.012,
325.984


 92, 40.012,
325.984

 52, 40.012,
325.984

 42, 40.012,
325.984

 32, 40.012,
325.984

 22, 40.012,
325.984

 12, 40.012,
325.984

 2, 40.012, 325.984

0, 40.012, 325.984

72, 40.012,
325.984

72, 40.012,
325.984

67, 53.670,
326.500

77, 25.966,
325.442

63, 66.535,
326.974

82, 11.846,
324.881

59, 78.098,
327.389

88, 2.134, 144.487

56, 87.813,
327.730

93, 15.839,
143.841

54, 95.197,
327.983

97, 23.248,
143.548

53, 99.974,
328.144

97, 23.247,
143.548

■ 52, 102.331,
328.223

■ 97, 23.247,
143.547

■ 52, 102.609,
328.232

■ 97, 23.247,
143.547

■ 97, 23.247,
143.547

Harmonies

Complementary

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



72, 40.012, 325.984



82, 40.010, 142.475

Rectangle

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



72, 40.012, 325.984



72, 40.012, 15.984



72, 40.012, 145.984



72, 40.012, 195.984

Sweetspot

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



72, 40.010, 325.984



94, 14.333, 324.917



67, 33.751, 293.010



50, 9.968, 325.001



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 40.010, 325.984



80, 54.137, 326.290



71, 28.874, 345.340



43, 8.001, 324.938



41, 86.549, 328.232



7, 34.556, 328.172

Inverse Universe

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



70, 24.905, 21.728



77, 34.547, 22.473



82, 27.955, 160.170



43, 4.639, 19.930



36, 78.234, 39.927



5, 23.840, 20.268

Previews

White Background



This preview shows how the CIELCh color 72, 40.012, 325.984 looks on a white background.

Color Contrast Check

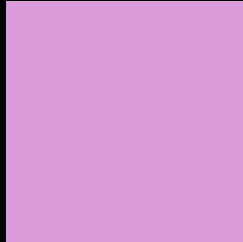
Large Text (above 18pt) WCAG AA × Fail

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 72, 40.012, 325.984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

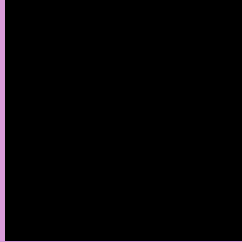
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 40.012, 325.984

Background



This preview shows how black text looks on a background with the CIELCh color 72, 40.012, 325.984.



This preview shows how white text looks on a background with the CIELCh color 72, 40.012, 325.984.

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
72, 19.531, 1.883

Trichromacy



Original Color
72, 40.012, 325.984

Protanomaly
72, 32.102, 301.491

Deuteranomaly
72, 28.109, 309.797

Tritanomaly
72, 25.523, 342.322

Monochromacy



Original Color
72, 40.012, 325.984

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 14.482, 325.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 40.012, 325.984 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(218, 156, 218)` looks like.

```
.text, #text, p{  
    color:rgb(218, 156, 218)  
}
```

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(218, 156, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 156, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 40.012, 325.984 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(218, 156, 218) }
```

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

```
.border{ border-color:rgb(218, 156, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 156, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 156, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 156, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 156,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 40.012, 325.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 156, 218) }
```

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

```
.background{ background-color: rgb(218,  
156, 218) }
```

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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