

Converting Colors

CIELCh(72, 37.880, 314.131)

Have a look what the booklet for
CIELCh(72, 37.880, 314.131)
contains.

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Color

CIELCh(72, 37.438, 314.039)

Conversions

Conversions Part 1

Format	Color
Hex	C9A2E2
RGB	201, 162, 226
RGB Percent	79%, 64%, 89%
CMY	0.2124, 0.3653, 0.1144
CMYK	0.11, 0.28, 0.00, 0.11
HSL	277°, 52%, 76%
HSV	277°, 28%, 89%
XYZ	50.6374, 43.6590, 77.5863
YIQ	180.9570, 2.7000, 28.1720

Conversions

Conversions Part 2

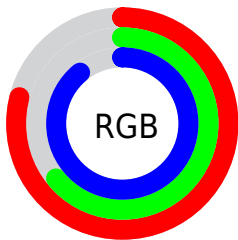
Format	Color
R _Y B	201, 162, 226
Decimal	13214434
CIE Lab	72.00, 26.02, -26.91
CIE LCh	72, 37.438, 314.039
Yxy	43.6590, 0.2946, 0.2540
Android (android.graphics.Color)	4291404514 (0xFFC9A2E2)
YUV	180.9570, 22.2062, 17.5777
Hunter-Lab	66.0750, 21.1646, -23.3668

Details

The CIELCh color $72, 37.438, 314.039$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $86, 36.351, 131.502$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 23.800, 325.253$, and $52, 37.130, 314.030$ is the 20% darker color. If you saturate the color by 10%, you get $66, 50.990, 314.500$, and if you desaturate by 10%, it is $78, 23.983, 313.577$.

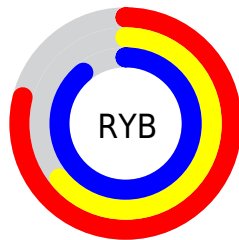
Distribution



Red (79%)

Green (64%)

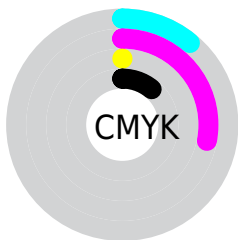
Blue (89%)



Red (79%)

Yellow (64%)

Blue (89%)

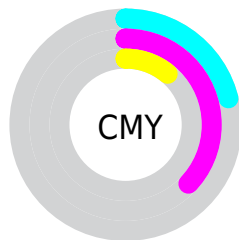


Cyan (11%)

Magenta (28%)

Yellow (0%)

Black (11%)



Cyan (21%)


Magenta (37%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 37.438, 314.039 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, 37.438, 314.039 by changing the saturation by 10% instead.


 72, 37.438,
314.039


 72, 37.438,
314.039


 100, 37.438,
314.039


 62, 37.438,
314.039


 92, 37.438,
314.039

 52, 37.438,
314.039

 42, 37.438,
314.039

 32, 37.438,
314.039

 22, 37.438,
314.039

 12, 37.438,
314.039

 2, 37.438, 314.039

0, 37.438, 314.039

72, 37.438,
314.039

72, 37.438,
314.039

66, 50.990,
314.500

78, 23.983,
313.577

60, 64.404,
314.932

85, 10.775,
313.127

55, 77.290,
315.293

91, 2.112, 132.808

50, 89.084,
315.523

97, 14.639,
132.360

45, 99.043,
315.543

99, 15.250,
122.863

42, 106.382,
315.265

99, 14.771,
110.807

■ 40,110.727,
314.639

■ 99,14.759,
109.062

■ 39,111.332,
314.526

Harmonies

Complementary

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



72, 37.438, 314.039



86, 36.351, 131.502

Rectangle

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



72, 37.438, 314.039



72, 37.438, 4.039



72, 37.438, 134.039



72, 37.438, 184.039

Sweetspot

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



72, 37.436, 314.039



94, 12.851, 313.159



75, 22.037, 269.877



49, 8.946, 313.225



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, 37.436, 314.039



77, 49.794, 314.312



74, 38.339, 328.924



44, 7.313, 313.176



30, 92.265, 314.705



4, 34.248, 314.434

Inverse Universe

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



73, 27.567, 352.920



78, 36.660, 353.700



84, 38.295, 145.244



44, 5.360, 350.805



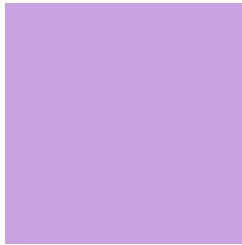
37, 64.291, 12.368



6, 25.643, 2.345

Previews

White Background



This preview shows how the CIELCh color 72, 37.438, 314.039 looks on a white background.

Color Contrast Check

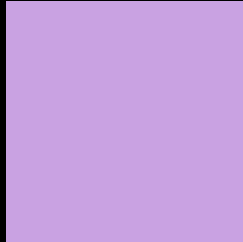
Large Text (above 18pt) WCAG AA × Fail

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, 37.438, 314.039 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, 37.438, 314.039

Background



This preview shows how black text looks on a background with the CIELCh color 72, 37.438, 314.039.




This preview shows how white text looks on a background with the CIELCh color 72, 37.438, 314.039.

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, 11.475, 342.439

Trichromacy



Original Color
72, 37.438, 314.039

Protanomaly
72, 33.898, 296.110

Deuteranomaly
72, 30.907, 300.486

Tritanomaly
72, 20.434, 322.662

Monochromacy



Original Color
72, 37.438, 314.039

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 13.559, 313.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 37.438, 314.039 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(201, 162, 226)` looks like.

```
.text, #text, p{  
    color:rgb(201, 162, 226)  
}
```

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(201, 162, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 162, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 37.438, 314.039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

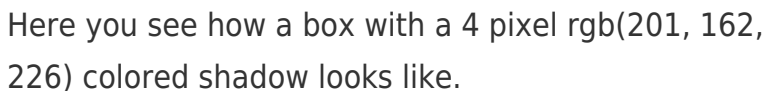
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 162, 226) }
```

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

```
.border{ border-color:rgb(201, 162, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 162, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 162, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 162, 226); box-shadow:4px 4px 4px 4px rgb(201, 162, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 37.438, 314.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 162, 226) }
```

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

```
.background{ background-color: rgb(201,  
162, 226) }
```

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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