

Converting Colors

CIELCh(72, 41.316, 305.061)

Have a look what the booklet for
CIELCh(72, 41.316, 305.061)
contains.

CIELCh(72, 41.329, 305.211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 41.329, 305.211)

Conversions

Conversions Part 1

Format	Color
Hex	BDA4EE
RGB	189, 164, 238
RGB Percent	74%, 64%, 93%
CMY	0.2580, 0.3560, 0.0658
CMYK	0.21, 0.31, 0.00, 0.07
HSL	260°, 69%, 79%
HSV	260°, 31%, 93%
XYZ	49.8192, 43.6590, 86.8642
YIQ	179.9110, -8.8540, 28.3140

Conversions

Conversions Part 2

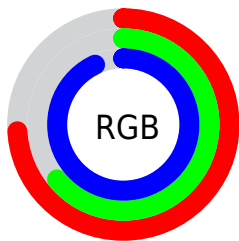
Format	Color
RYB	189, 164, 238
Decimal	12428526
CIELab	72.00, 23.83, -33.77
CIELCh	72, 41.329, 305.211
Yxy	43.6590, 0.2762, 0.2421
Android (android.graphics.Color)	4290618606 (0xFFBDA4EE)
YUV	179.9110, 28.6379, 7.9711
Hunter-Lab	66.0750, 18.9542, -31.6920

Details

The CIELCh color $72, 41.329, 305.211$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $91, 38.925, 121.501$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 20.992, 317.896$, and $52, 41.455, 304.979$ is the 20% darker color. If you saturate the color by 10%, you get $65, 55.452, 305.999$, and if you desaturate by 10%, it is $79, 27.567, 304.488$.

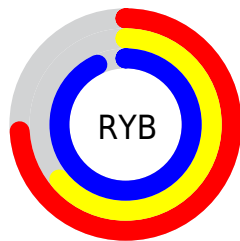
Distribution



Red (74%)

Green (64%)

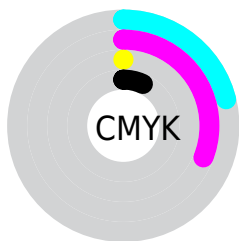
Blue (93%)



Red (74%)

Yellow (64%)

Blue (93%)

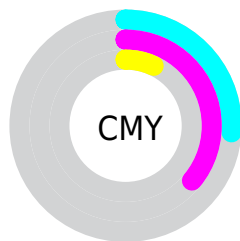


Cyan (21%)

Magenta (31%)

Yellow (0%)

Black (7%)



Cyan (26%)


Magenta (36%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 41.329, 305.211 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, 41.329, 305.211 by changing the saturation by 10% instead.


 72, 41.329,
305.211


 72, 41.329,
305.211


 100, 41.329,
305.211


 62, 41.329,
305.211


 92, 41.329,
305.211

 52, 41.329,
305.211

 42, 41.329,
305.211

 32, 41.329,
305.211

 22, 41.329,
305.211

 12, 41.329,
305.211

 2, 41.329, 305.211

0, 41.329, 305.211

72, 41.329,
305.211

72, 41.329,
305.211

65, 55.452,
305.999

79, 27.567,
304.488

58, 69.782,
306.830

86, 14.238,
303.840

52, 83.986,
307.654

93, 1.360, 303.222

99, 8.557, 115.969

45, 97.455,
308.383

100, 8.491,
109.533

40, 109.200,
308.882

36, 117.932,
308.979

■ 34, 122.749,
308.697

Harmonies

Complementary

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



72, 41.329, 305.211



91, 38.925, 121.501

Rectangle

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



72, 41.329, 305.211



72, 41.329, 355.211



72, 41.329, 125.211



72, 41.329, 175.211

Sweetspot

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



72, 41.327, 305.211



93, 12.192, 303.716



83, 20.091, 239.331



49, 8.493, 303.804



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, 41.327, 305.211



72, 52.497, 305.682



75, 45.012, 321.213



46, 7.326, 303.743



25, 100.775, 308.857



4, 38.944, 307.075

Inverse Universe

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



76, 37.259, 338.244



77, 46.756, 338.786



89, 44.508, 138.063



47, 6.791, 336.500



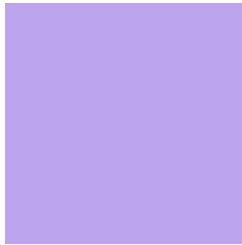
40, 70.493, 347.760



9, 31.672, 344.213

Previews

White Background



This preview shows how the CIELCh color 72, 41.329, 305.211 looks on a white background.

Color Contrast Check

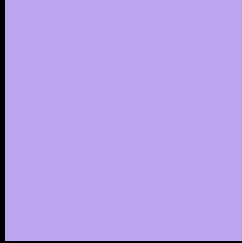
Large Text (above 18pt) WCAG AA × Fail

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, 41.329, 305.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

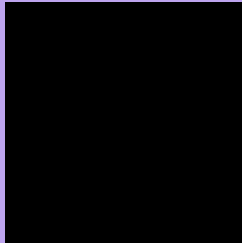
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 41.329, 305.211

Background



This preview shows how black text looks on a background with the CIELCh color 72, 41.329, 305.211.

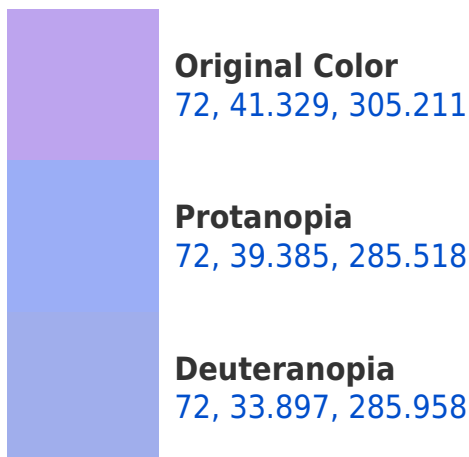


This preview shows how white text looks on a background with the CIELCh color 72, 41.329, 305.211.

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, 7.974, 306.878

Trichromacy



Original Color
72, 41.329, 305.211

Protanomaly
72, 39.789, 292.591

Deuteranomaly
72, 36.555, 294.127

Tritanomaly
72, 20.257, 305.057

Monochromacy



Original Color
72, 41.329, 305.211

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 15.100, 303.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 41.329, 305.211 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(189, 164, 238)` looks like.

```
.text, #text, p{  
    color:rgb(189, 164, 238)  
}
```

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(189, 164, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 164, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 41.329, 305.211 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(189, 164, 238) }
```

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

```
.border{ border-color:rgb(189, 164, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 164, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 164, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 164, 238);  
box-shadow:4px 4px 4px 4px rgb(189, 164,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 41.329, 305.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 164, 238) }
```

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

```
.background{ background-color: rgb(189,  
164, 238) }
```

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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