

Converting Colors

CIELCh(73, 39.128, 311.601)

Have a look what the booklet for
CIELCh(73, 39.128, 311.601)
contains.

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Color

CIELCh(73, 39.026, 311.465)

Conversions

Conversions Part 1

Format	Color
Hex	C9A5E9
RGB	201, 165, 233
RGB Percent	79%, 65%, 91%
CMY	0.2121, 0.3532, 0.0866
CMYK	0.14, 0.29, 0.00, 0.09
HSL	272°, 61%, 78%
HSV	272°, 29%, 91%
XYZ	52.1999, 45.1644, 82.9917
YIQ	183.5160, -0.3720, 28.7800

Conversions

Conversions Part 2

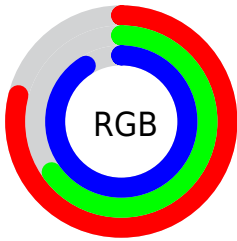
Format	Color
R _Y B	201, 165, 233
Decimal	13215209
CIE Lab	73.00, 25.84, -29.24
CIE LCh	73, 39.026, 311.465
Yxy	45.1644, 0.2894, 0.2504
Android (android.graphics.Color)	4291405289 (0xFFC9A5E9)
YUV	183.5160, 24.3956, 15.3335
Hunter-Lab	67.2044, 21.0391, -26.1749

Details

The CIELCh color $73, 39.026, 311.465$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $88, 37.564, 128.743$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 21.910, 325.187$, and $53, 38.835, 311.346$ is the 20% darker color. If you saturate the color by 10%, you get $67, 52.877, 311.983$, and if you desaturate by 10%, it is $80, 25.351, 310.959$.

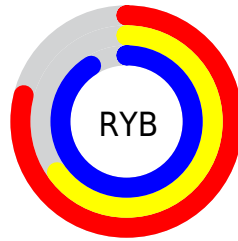
Distribution



Red (79%)

Green (65%)

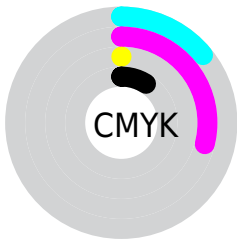
Blue (91%)



Red (79%)

Yellow (65%)

Blue (91%)

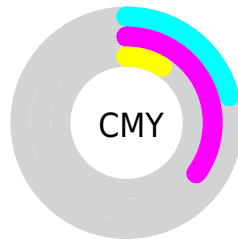


Cyan (14%)

Magenta (29%)

Yellow (0%)

Black (9%)



Cyan (21%)


Magenta (35%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 39.026, 311.465 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, 39.026, 311.465 by changing the saturation by 10% instead.


 73, 39.026,
311.465

 73, 39.026,
311.465


 100, 39.026,
311.465


 63, 39.026,
311.465


 93, 39.026,
311.465

 53, 39.026,
311.465

 43, 39.026,
311.465

 33, 39.026,
311.465

 23, 39.026,
311.465

 13, 39.026,
311.465

 3, 39.026, 311.465

0, 39.026, 311.465

73, 39.026,
311.465

73, 39.026,
311.465

67, 52.877,
311.983

80, 25.351,
310.959

60, 66.689,
312.487

86, 11.981,
310.479

54, 80.084,
312.930

93, 1.027, 130.195

49, 92.478,
313.243

99, 11.817,
127.399

44, 103.058,
313.334

99, 11.179,
109.332

41, 110.908,
313.093

■ 38,115.624,
312.471

■ 38,115.958,
312.419

Harmonies

Complementary

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



73, 39.026, 311.465



88, 37.564, 128.743

Rectangle

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



73, 39.026, 311.465



73, 39.026, 1.465



73, 39.026, 131.465



73, 39.026, 181.465

Sweetspot

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



73, 39.024, 311.465



94, 12.622, 310.472



79, 21.220, 261.823



49, 8.788, 310.541



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, 39.024, 311.465



75, 50.655, 311.775



76, 42.840, 326.491



46, 7.451, 310.492



29, 95.868, 312.603



5, 37.825, 312.602

Inverse Universe

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



75, 30.435, 348.076



78, 39.336, 348.799



86, 42.842, 142.838



46, 5.845, 346.034



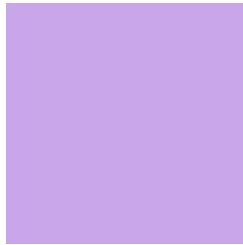
39, 65.322, 4.740



8, 28.356, 357.479

Previews

White Background



This preview shows how the CIELCh color 73, 39.026, 311.465 looks on a white background.

Color Contrast Check

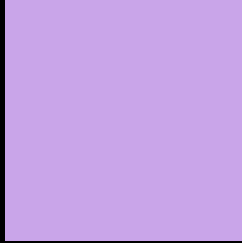
Large Text (above 18pt) WCAG AA × Fail

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, 39.026, 311.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

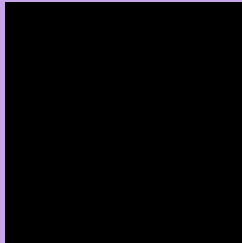
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 39.026, 311.465

Background



This preview shows how black text looks on a background with the CIELCh color 73, 39.026, 311.465.

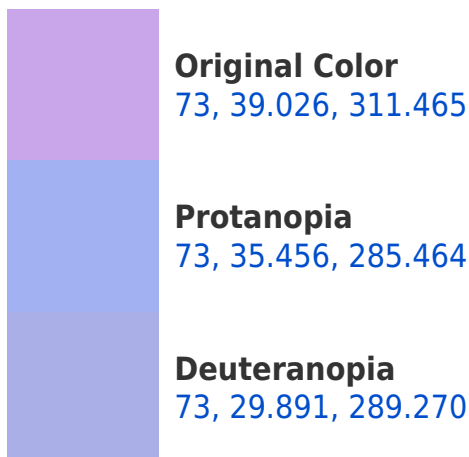


This preview shows how white text looks on a background with the CIELCh color 73, 39.026, 311.465.

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, 10.293, 337.084

Trichromacy



Original Color
73, 39.026, 311.465

Protanomaly
73, 35.920, 295.050

Deuteranomaly
73, 32.847, 298.374

Tritanomaly
73, 20.300, 319.147

Monochromacy



Original Color
73, 39.026, 311.465

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 14.538, 311.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 39.026, 311.465 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, 165, 233)` looks like.

```
.text, #text, p{  
    color:rgb(201, 165, 233)  
}
```

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, 165, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 165, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 39.026, 311.465 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, 165, 233) }
```

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

```
.border{ border-color:rgb(201, 165, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 165, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 165, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 165, 233);  
box-shadow:4px 4px 4px 4px rgb(201, 165,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 39.026, 311.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 165, 233) }
```

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

```
.background{ background-color: rgb(201,  
165, 233) }
```

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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