

Converting Colors

CIELCh(73, 39.497, 311.476)

Have a look what the booklet for
CIELCh(73, 39.497, 311.476)
contains.

CIELCh(73, 39.532, 311.228)	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(73, 39.532, 311.228)

Conversions

Conversions Part 1

Format	Color
Hex	C9A5EA
RGB	201, 165, 234
RGB Percent	79%, 65%, 92%
CMY	0.2125, 0.3536, 0.0831
CMYK	0.14, 0.30, 0.00, 0.08
HSL	271°, 62%, 78%
HSV	271°, 30%, 92%
XYZ	52.2812, 45.1644, 83.6574
YIQ	183.6300, -0.6930, 29.0910

Conversions

Conversions Part 2

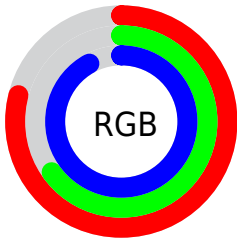
Format	Color
R _Y B	201, 165, 234
Decimal	13215210
CIE Lab	73.00, 26.05, -29.73
CIE LCh	73, 39.532, 311.228
Yxy	45.1644, 0.2887, 0.2494
Android (android.graphics.Color)	4291405290 (0xFFC9A5EA)
YUV	183.6300, 24.8324, 15.2335
Hunter-Lab	67.2044, 21.2549, -26.7622

Details

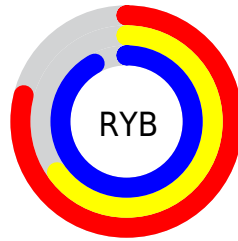
The CIELCh color $73, 39.532, 311.228$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 38.005, 128.458$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 21.910, 325.187$, and $53, 39.370, 311.109$ is the 20% darker color. If you saturate the color by 10%, you get $67, 53.426, 311.754$, and if you desaturate by 10%, it is $80, 25.818, 310.716$.

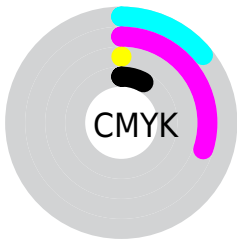
Distribution



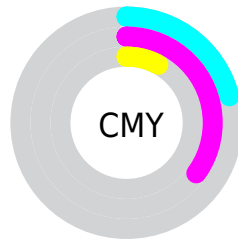
- Red (79%)
- Green (65%)
- Blue (92%)



- Red (79%)
- Yellow (65%)
- Blue (92%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (8%)





- Cyan (21%)
- Magenta (35%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 39.532, 311.228 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, 39.532, 311.228 by changing the saturation by 10% instead.


 73, 39.532,
311.228

 73, 39.532,
311.228


 100, 39.532,
311.228


 63, 39.532,
311.228


 93, 39.532,
311.228

 53, 39.532,
311.228

 43, 39.532,
311.228

 33, 39.532,
311.228

 23, 39.532,
311.228

 13, 39.532,
311.228

 3, 39.532, 311.228

0, 39.532, 311.228

73, 39.532,
311.228

73, 39.532,
311.228

67, 53.426,
311.754

80, 25.818,
310.716

60, 67.284,
312.265

86, 12.413,
310.231

54, 80.724,
312.716

93, 0.625, 130.028

49, 93.154,
313.036

99, 11.296,
126.791

44, 103.750,
313.130

99, 10.728,
109.366

41, 111.580,
312.886

■ 38,116.285,
312.264

■ 38,116.491,
312.232

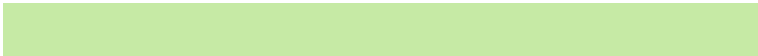
Harmonies

Complementary

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



73, 39.532, 311.228



89, 38.005, 128.458

Rectangle

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



73, 39.532, 311.228



73, 39.532, 1.228



73, 39.532, 131.228



73, 39.532, 181.228

Sweetspot

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



73, 39.530, 311.228



94, 12.602, 310.209



79, 21.511, 261.887



49, 8.774, 310.278



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, 39.530, 311.228



75, 50.599, 311.525



76, 43.429, 326.508



46, 7.439, 310.229



29, 96.027, 312.419



5, 37.787, 312.342

Inverse Universe

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



75, 31.000, 347.661



78, 39.504, 348.338



87, 43.433, 142.810



46, 5.875, 345.601



39, 65.361, 4.001



8, 28.417, 356.880

Previews

White Background



This preview shows how the CIELCh color 73, 39.532, 311.228 looks on a white background.

Color Contrast Check

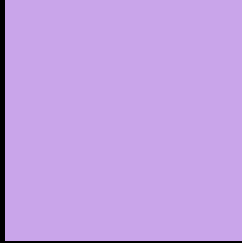
Large Text (above 18pt) WCAG AA × Fail

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, 39.532, 311.228 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, 39.532, 311.228

Background



This preview shows how black text looks on a background with the CIELCh color 73, 39.532, 311.228.



This preview shows how white text looks on a background with the CIELCh color 73, 39.532, 311.228.

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, 10.025, 335.577

Trichromacy



Original Color
73, 39.532, 311.228

Protanomaly
73, 36.449, 294.573

Deuteranomaly
73, 33.385, 298.325

Tritanomaly
73, 20.140, 318.214

Monochromacy



Original Color
73, 39.532, 311.228

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 14.416, 310.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 39.532, 311.228 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(201, 165, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 165, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 39.532, 311.228 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, 234) }
```

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

```
.border{ border-color:rgb(201, 165, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 165, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 165, 234);  
box-shadow:4px 4px 4px 4px rgb(201, 165,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 39.532, 311.228 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, 234) }
```

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

```
.background{ background-color: rgb(201,  
165, 234) }
```

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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