

Converting Colors

CIELCh(73, 40.166, 310.424)

Have a look what the booklet for
CIELCh(73, 40.166, 310.424)
contains.

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Color

CIELCh(73, 39.948, 310.526)

Conversions

Conversions Part 1

Format	Color
Hex	C8A5EB
RGB	200, 165, 235
RGB Percent	78%, 65%, 92%
CMY	0.2158, 0.3531, 0.0786
CMYK	0.15, 0.30, 0.00, 0.08
HSL	270°, 64%, 78%
HSV	270°, 30%, 92%
XYZ	52.2445, 45.1644, 84.5279
YIQ	183.4450, -1.6100, 29.1900

Conversions

Conversions Part 2

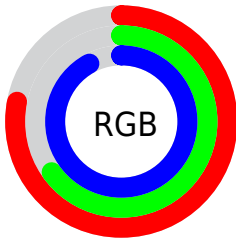
Format	Color
R _Y B	200, 165, 235
Decimal	13149675
CIE Lab	73.00, 25.96, -30.36
CIE LCh	73, 39.948, 310.526
Yxy	45.1644, 0.2872, 0.2482
Android (android.graphics.Color)	4291339755 (0xFFC8A5EB)
YUV	183.4450, 25.4166, 14.5187
Hunter-Lab	67.2044, 21.1574, -27.5302

Details

The CIELCh color $73, 39.948, 310.526$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 38.306, 127.674$, 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 $53, 39.827, 310.387$ is the 20% darker color. If you saturate the color by 10%, you get $66, 53.893, 311.073$, and if you desaturate by 10%, it is $80, 26.204, 309.996$.

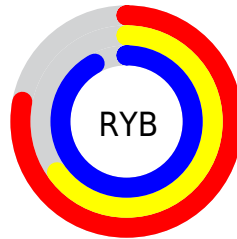
Distribution



Red (78%)

Green (65%)

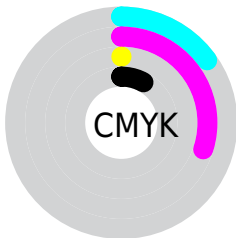
Blue (92%)



Red (78%)

Yellow (65%)

Blue (92%)

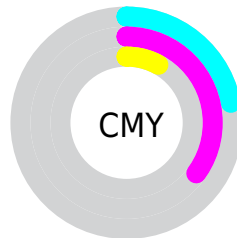


Cyan (15%)

Magenta (30%)

Yellow (0%)

Black (8%)



Cyan (22%)


Magenta (35%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 39.948, 310.526 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, 39.948, 310.526 by changing the saturation by 10% instead.


 73, 39.948,
310.526


 73, 39.948,
310.526


 100, 39.948,
310.526


 63, 39.948,
310.526


 93, 39.948,
310.526

 53, 39.948,
310.526

 43, 39.948,
310.526

 33, 39.948,
310.526

 23, 39.948,
310.526

 13, 39.948,
310.526

 3, 39.948, 310.526

0, 39.948, 310.526

73, 39.948,
310.526

73, 39.948,
310.526

66, 53.893,
311.073

80, 26.204,
309.996

60, 67.828,
311.611

86, 12.784,
309.499

54, 81.376,
312.093

93, 0.259, 129.574

49, 93.939,
312.445

99, 10.585,
125.180

44, 104.672,
312.568

100, 10.146,
109.409

40, 112.605,
312.343

■ 38,117.393,
311.737

■ 38,117.484,
311.724

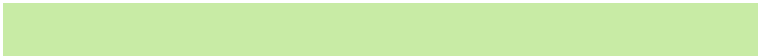
Harmonies

Complementary

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



73, 39.948, 310.526



89, 38.306, 127.674

Rectangle

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



73, 39.948, 310.526



73, 39.948, 0.526



73, 39.948, 130.526



73, 39.948, 180.526

Sweetspot

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



73, 39.946, 310.526



93, 12.545, 309.462



80, 21.089, 258.246



49, 8.736, 309.533



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, 39.946, 310.526



74, 51.937, 310.874



76, 44.314, 325.586



46, 7.405, 309.483



28, 96.477, 311.913



4, 37.678, 311.611

Inverse Universe

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



75, 31.834, 346.437



77, 41.134, 347.181



87, 44.282, 141.957



46, 5.960, 344.400



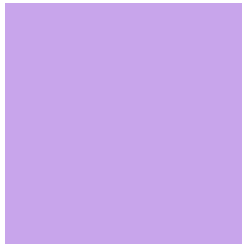
39, 65.540, 1.929



8, 28.608, 355.210

Previews

White Background



This preview shows how the CIELCh color 73, 39.948, 310.526 looks on a white background.

Color Contrast Check

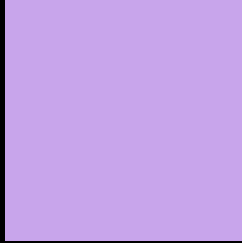
Large Text (above 18pt) WCAG AA × Fail

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, 39.948, 310.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

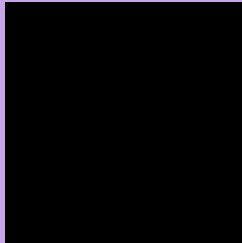
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 39.948, 310.526

Background



This preview shows how black text looks on a background with the CIELCh color 73, 39.948, 310.526.



This preview shows how white text looks on a background with the CIELCh color 73, 39.948, 310.526.

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



Original Color
73, 39.948, 310.526

Protanopia
73, 36.551, 285.375

Deuteranopia
73, 31.000, 288.349



Tritanopia
73, 10.160, 331.877

Trichromacy



Original Color
73, 39.948, 310.526

Protanomaly
73, 36.988, 294.602

Deuteranomaly
73, 33.894, 297.728

Tritanomaly
73, 20.470, 316.612

Monochromacy



Original Color
73, 39.948, 310.526

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 14.928, 309.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 39.948, 310.526 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(200, 165, 235)` looks like.

```
.text, #text, p{  
    color:rgb(200, 165, 235)  
}
```

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(200, 165, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 165, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 39.948, 310.526 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(200, 165, 235) }
```

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

```
.border{ border-color:rgb(200, 165, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 165, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 165, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 165, 235);  
box-shadow:4px 4px 4px 4px rgb(200, 165,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 39.948, 310.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 165, 235) }
```

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

```
.background{ background-color: rgb(200,  
165, 235) }
```

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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