

Converting Colors

CIELCh(39, 75.323, 312.708)

Have a look what the booklet for
CIELCh(39, 75.323, 312.708)
contains.

CIELCh(39, 75.323, 312.708)	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(39, 75.323, 312.708)

Conversions

Conversions Part 1

Format	Color
Hex	7A3AB7
RGB	122, 58, 183
RGB Percent	48%, 23%, 72%
CMY	0.5201, 0.7712, 0.2809
CMYK	0.33, 0.68, 0.00, 0.28
HSL	271°, 52%, 47%
HSV	271°, 68%, 72%
XYZ	18.1936, 10.6589, 46.0973
YIQ	91.3860, -1.9810, 52.4430

Conversions

Conversions Part 2

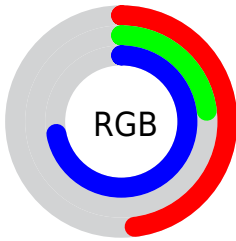
Format	Color
R_{YB}	122, 58, 183
Decimal	8010423
CIE _{Lab}	39.00, 51.09, -55.35
CIE _{LCh}	39, 75.323, 312.708
Yxy	10.6589, 0.2427, 0.1422
Android (android.graphics.Color)	4286200503 (0xFF7A3AB7)
YUV	91.3860, 45.1657, 26.8485
Hunter-Lab	32.6480, 42.3378, -60.8607

Details

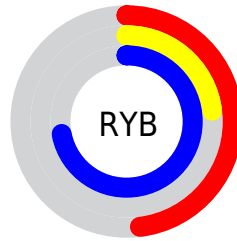
The CIELCh color **39, 75.323, 312.708** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **68, 68.239, 126.735**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 75.214, 312.532**, and **19, 74.854, 312.507** is the 20% darker color. If you saturate the color by 10%, you get **35, 84.515, 312.881**, and if you desaturate by 10%, it is **44, 64.835, 312.341**.

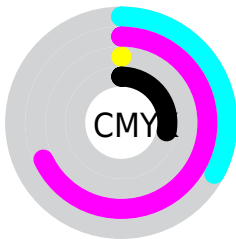
Distribution



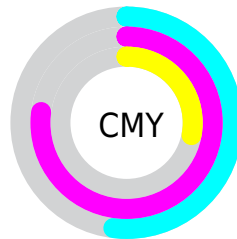
- Red (48%)
- Green (23%)
- Blue (72%)



- Red (48%)
- Yellow (23%)
- Blue (72%)



- Cyan (33%)
- Magenta (68%)
- Yellow (0%)
- Black (28%)





- Cyan (52%)
- Magenta (77%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 75.323, 312.708 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 39, 75.323, 312.708 by changing the saturation by 10% instead.


 39, 75.323,
312.708


 39, 75.323,
312.708

 100, 75.323,
312.708


 29, 75.323,
312.708

 59, 75.323,
312.708


 19, 75.323,
312.708


 69, 75.323,
312.708

 9, 75.323, 312.708

 79, 75.323,
312.708

 0, 75.323, 312.708

 89, 75.323,
312.708

 99, 75.323,
312.708

39, 75.323,
312.708

39, 75.323,
312.708

35, 84.515,
312.881

44, 64.835,
312.341

32, 91.663,
312.752

49, 53.673,
311.866

29, 96.360,
312.269

54, 42.266,
311.345

29, 97.146,
312.183

59, 30.882,
310.820

65, 19.677,
310.313

70, 8.737, 309.835

76, 1.900, 129.477

81, 12.218,
129.039

■ 87, 22.217,
128.689

Harmonies

Complementary

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



39, 75.323, 312.708



68, 68.239, 126.735

Rectangle

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



39, 75.323, 312.708



39, 75.323, 2.708



39, 75.323, 132.708



39, 75.323, 182.708

Sweetspot

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



39, 75.322, 312.708



80, 26.750, 310.419



49, 38.868, 270.627



41, 18.464, 310.560



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39, 75.322, 312.708



44, 107.324, 312.859



48, 76.405, 327.699



36, 6.064, 309.889



24, 85.918, 312.327



2, 15.985, 305.313

Inverse Universe

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



45, 55.849, 353.013



54, 76.189, 356.980



66, 77.634, 138.371



36, 4.829, 345.042



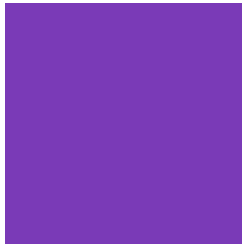
33, 58.537, 2.518



3, 12.126, 351.485

Previews

White Background



This preview shows how the CIE LCh color 39, 75.323, 312.708 looks on a white 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 × Fail

Black Background



This preview shows how the CIELCh color 39, 75.323, 312.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

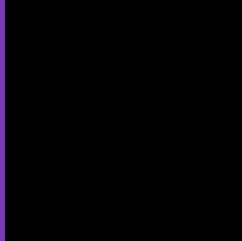
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 75.323, 312.708

Background



This preview shows how black text looks on a background with the CIELCh color 39, 75.323, 312.708.



This preview shows how white text looks on a background with the CIELCh color 39, 75.323, 312.708.

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
39, 75.323, 312.708

Protanopia
39, 60.618, 286.630

Deuteranopia
39, 44.910, 275.876



Tritanopia
39, 8.782, 351.608

Trichromacy



Original Color
39, 75.323, 312.708

Protanomaly
37, 66.117, 293.856

Deuteranomaly
37, 56.074, 290.291

Tritanomaly
38, 32.586, 317.135

Monochromacy



Original Color
39, 75.323, 312.708

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 29.045, 311.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 75.323, 312.708 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(122, 58, 183)` looks like.

```
.text, #text, p{  
    color:rgb(122, 58, 183)  
}
```

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(122, 58, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 58, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 75.323, 312.708 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(122, 58, 183) }
```

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

```
.border{ border-color:rgb(122, 58, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 58, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 58, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 58, 183);  
box-shadow:4px 4px 4px 4px rgb(122, 58,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 75.323, 312.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 58, 183) }
```

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

```
.background{ background-color: rgb(122, 58,  
183) }
```

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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