

Converting Colors

CIELCh(39, 102.298, 312.527)

Have a look what the booklet for
CIELCh(39, 102.298, 312.527)
contains.

CIELCh(39, 102.485, 312.522)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	27

Color

CIELCh(39, 102.485, 312.522)

Conversions

Conversions Part 1

Format	Color
Hex	7E22DA
RGB	126, 34, 218
RGB Percent	49%, 13%, 85%
CMY	0.5055, 0.8663, 0.1448
CMYK	0.42, 0.84, 0.00, 0.14
HSL	270°, 73%, 49%
HSV	270°, 84%, 86%
XYZ	21.8586, 10.6589, 67.2945
YIQ	82.4840, -4.2320, 76.7280

Conversions

Conversions Part 2

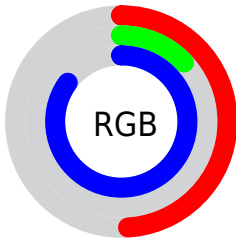
Format	Color
R _Y B	126, 34, 218
Decimal	8266458
CIE Lab	39.00, 69.27, -75.53
CIE LCh	39, 102.485, 312.522
Yxy	10.6589, 0.2190, 0.1068
Android (android.graphics.Color)	4286456538 (0xFF7E22DA)
YUV	82.4840, 66.8094, 38.1635
Hunter-Lab	32.6480, 62.3756, -99.3556

Details

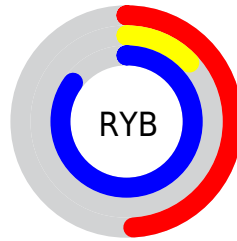
The CIELCh color **39, 102.485, 312.522** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **79, 90.447, 126.725**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 92.144, 314.399**, and **23, 90.860, 309.776** is the 20% darker color. If you saturate the color by 10%, you get **36, 108.625, 312.123**, and if you desaturate by 10%, it is **43, 93.388, 312.532**.

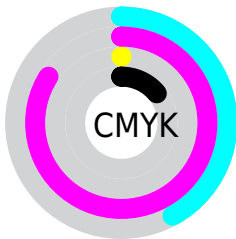
Distribution



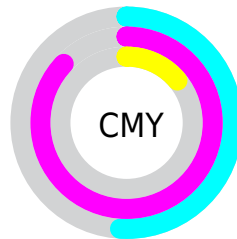
- Red (49%)
- Green (13%)
- Blue (85%)



- Red (49%)
- Yellow (13%)
- Blue (85%)



- Cyan (42%)
- Magenta (84%)
- Yellow (0%)
- Black (14%)





- Cyan (51%)
- Magenta (87%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 102.485, 312.522 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, 102.485, 312.522 by changing the saturation by 10% instead.


 39, 102.485,
312.522


 39, 102.485,
312.522


 100, 102.485,
312.522


 29, 102.485,
312.522


 59, 102.485,
312.522


 19, 102.485,
312.522


 69, 102.485,
312.522

 9, 102.485,
312.522

 79, 102.485,
312.522

 0, 102.485,
312.522

 89, 102.485,
312.522

 99, 102.485,
312.522

■ 39, 102.485,
312.522

■ 39, 102.485,
312.522

■ 36, 108.625,
312.123

■ 43, 93.388,
312.532

■ 35, 111.018,
311.774

■ 48, 82.189,
312.265

■ 53, 69.753,
311.831

■ 59, 56.740,
311.313

■ 65, 43.583,
310.767

■ 72, 30.544,
310.230

■ 78, 17.766,
309.719

■ 84, 5.323, 309.235

Harmonies

Complementary

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



39, 102.485, 312.522



79, 90.447, 126.725

Rectangle

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



39, 102.485, 312.522



39, 102.485, 2.522



39, 102.485, 132.522



39, 102.485, 182.522

Sweetspot

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



39, 102.485, 312.523



82, 35.621, 310.275



53, 53.185, 275.744



41, 24.408, 310.464



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



39, 102.485, 312.523



41, 125.051, 311.674



53, 98.420, 327.502



43, 7.005, 309.480



27, 93.406, 311.949



3, 31.241, 309.399

Inverse Universe

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



49, 72.476, 356.625



55, 84.628, 2.942



76, 101.114, 136.614



43, 5.638, 344.394



37, 63.492, 1.780



6, 25.069, 354.524

Previews

White Background



This preview shows how the CIELCh color 39, 102.485, 312.522 looks on a white background.

Color Contrast Check

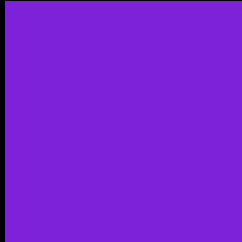
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 39, 102.485, 312.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

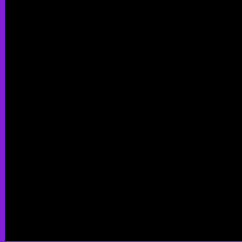
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 39, 102.485, 312.522

Background



This preview shows how black text looks on a background with the CIELCh color 39, 102.485, 312.522.

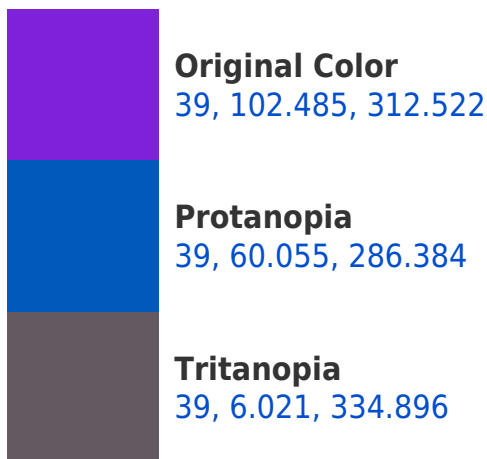


This preview shows how white text looks on a background with the CIELCh color 39, 102.485, 312.522.

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



Trichromacy



Original Color
39, 102.485, 312.522

Protanomaly
36, 78.728, 298.184

Tritanomaly
37, 45.556, 313.526

Monochromacy



Original Color
39, 102.485, 312.522

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 43.232, 311.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 102.485, 312.522 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(126, 34, 218)` looks like.

```
.text, #text, p{  
  color:rgb(126, 34, 218)  
}
```

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(126, 34, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 34, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 102.485, 312.522 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(126, 34, 218) }
```

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

```
.border{ border-color:rgb(126, 34, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 34, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 34, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 34, 218);  
box-shadow:4px 4px 4px 4px rgb(126, 34,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 102.485, 312.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 34, 218) }
```

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

```
.background{ background-color: rgb(126, 34,  
218) }
```

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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