

Converting Colors

CIELCh(39, 109.165, 312.348)

Have a look what the booklet for
CIELCh(39, 109.165, 312.348)
contains.

CIELCh(39, 109.104, 312.384)	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>	28

Color

CIELCh(39, 109.104, 312.384)

Conversions

Conversions Part 1

Format	Color
Hex	7E19E3
RGB	126, 25, 227
RGB Percent	49%, 10%, 89%
CMY	0.5062, 0.9025, 0.1102
CMYK	0.45, 0.89, 0.00, 0.11
HSL	270°, 80%, 49%
HSV	270°, 89%, 89%
XYZ	22.7876, 10.6589, 73.4652
YIQ	78.2270, -4.6460, 84.2340

Conversions

Conversions Part 2

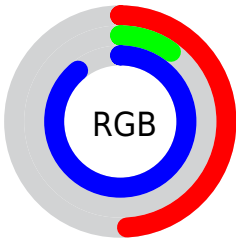
Format	Color
R _Y B	126, 25, 227
Decimal	8264163
CIE Lab	39.00, 73.55, -80.59
CIE LCh	39, 109.104, 312.384
Yxy	10.6589, 0.2131, 0.0997
Android (android.graphics.Color)	4286454243 (0xFF7E19E3)
YUV	78.2270, 73.3451, 41.8969
Hunter-Lab	32.6480, 67.4548, -110.5619

Details

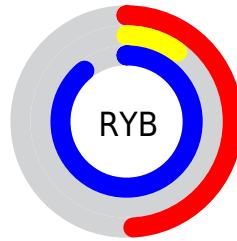
The CIELCh color **39, 109.104, 312.384** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **82, 95.890, 127.089**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 94.190, 314.915**, and **23, 94.747, 309.235** is the 20% darker color. If you saturate the color by 10%, you get **36, 113.997, 311.807**, and if you desaturate by 10%, it is **43, 101.108, 312.572**.

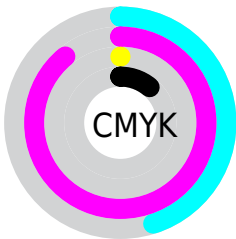
Distribution



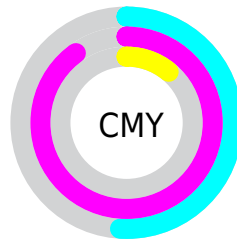
- Red (49%)
- Green (10%)
- Blue (89%)



- Red (49%)
- Yellow (10%)
- Blue (89%)



- Cyan (45%)
- Magenta (89%)
- Yellow (0%)
- Black (11%)





- Cyan (51%)
- Magenta (90%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 109.104, 312.384 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, 109.104, 312.384 by changing the saturation by 10% instead.


 39, 109.104,
312.384


 39, 109.104,
312.384

 100, 109.104,
312.384


 29, 109.104,
312.384


 59, 109.104,
312.384


 19, 109.104,
312.384


 69, 109.104,
312.384

 9, 109.104,
312.384

 79, 109.104,
312.384

 0, 109.104,
312.384

 89, 109.104,
312.384

 99, 109.104,
312.384

■ 39, 109.104,
312.384

■ 39, 109.104,
312.384

■ 36, 113.997,
311.807

■ 43, 101.108,
312.572

■ 36, 114.409,
311.750

■ 47, 90.478,
312.425

■ 53, 78.152,
312.059

■ 59, 64.931,
311.571

■ 65, 51.372,
311.032

■ 71, 37.823,
310.486

■ 78, 24.486,
309.960

■ 84, 11.467,

309.466

■ 91, 1.184, 129.142

Harmonies

Complementary

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



39, 109.104, 312.384



82, 95.890, 127.089

Rectangle

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



39, 109.104, 312.384



39, 109.104, 2.384



39, 109.104, 132.384



39, 109.104, 182.384

Sweetspot

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



39, 109.104, 312.385



81, 38.568, 310.386



53, 59.649, 279.744



40, 26.093, 310.571



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, 109.104, 312.385



41, 125.048, 311.676



55, 103.370, 328.154



44, 7.140, 309.485



27, 94.430, 311.940



4, 33.480, 310.314

Inverse Universe

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



50, 76.021, 358.288



55, 84.627, 2.954



79, 106.703, 136.431



44, 5.745, 344.402



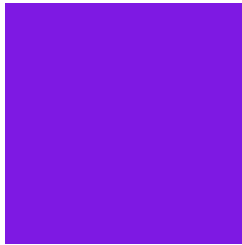
38, 64.175, 1.842



6, 26.430, 354.741

Previews

White Background



This preview shows how the CIELCh color 39, 109.104, 312.384 looks on a white background.

Color Contrast Check

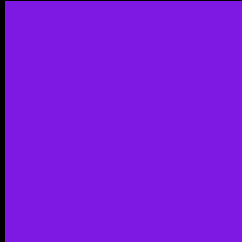
Large Text (above 18pt) WCAG AA ✓ Pass

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, 109.104, 312.384 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, 109.104, 312.384

Background



This preview shows how black text looks on a background with the CIELCh color 39, 109.104, 312.384.



This preview shows how white text looks on a background with the CIELCh color 39, 109.104, 312.384.

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, 109.104, 312.384

Protanopia

39, 60.618, 286.630

Deuteranopia

39, 42.260, 273.129



Tritanopia
39, 4.616, 311.785

Trichromacy



Original Color
39, 109.104, 312.384



Protanomaly
35, 82.841, 299.253



Deuteranomaly
35, 71.438, 297.028



Tritanomaly
36, 49.491, 311.724

Monochromacy



Original Color
39, 109.104, 312.384



Achromatopsia
33, 0.005, 296.813



Achromatomaly
32, 47.101, 311.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 109.104, 312.384 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, 25, 227)` looks like.

```
.text, #text, p{  
    color:rgb(126, 25, 227)  
}
```

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, 25, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 25, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 109.104, 312.384 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, 25, 227) }
```

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

```
.border{ border-color:rgb(126, 25, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 25, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 25, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 25, 227);  
box-shadow:4px 4px 4px 4px rgb(126, 25,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 109.104, 312.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 25, 227) }
```

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

```
.background{ background-color: rgb(126, 25,  
227) }
```

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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