

Converting Colors

CIELCh(39, 98.375, 312.318)

Have a look what the booklet for
CIELCh(39, 98.375, 312.318)
contains.

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Color

CIELCh(39, 98.155, 312.345)

Conversions

Conversions Part 1

Format	Color
Hex	7D28D5
RGB	125, 40, 213
RGB Percent	49%, 16%, 84%
CMY	0.5102, 0.8436, 0.1651
CMYK	0.41, 0.81, 0.00, 0.17
HSL	269°, 68%, 50%
HSV	269°, 81%, 83%
XYZ	21.1911, 10.6589, 63.8169
YIQ	85.1370, -4.8730, 71.8230

Conversions

Conversions Part 2

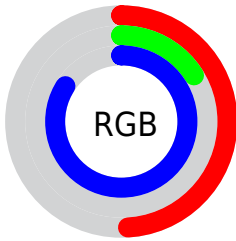
Format	Color
R_{YB}	125, 40, 213
Decimal	8202453
CIE Lab	39.00, 66.12, -72.55
CIE LCh	39, 98.155, 312.345
Yxy	10.6589, 0.2215, 0.1114
Android (android.graphics.Color)	4286392533 (0xFF7D28D5)
YUV	85.1370, 63.0365, 34.9599
Hunter-Lab	32.6480, 58.7263, -93.0401

Details

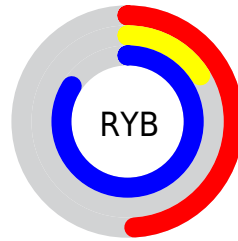
The CIELCh color **39, 98.155, 312.345** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **77, 86.613, 126.255**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 90.023, 313.664**, and **22, 88.542, 310.023** is the 20% darker color. If you saturate the color by 10%, you get **36, 105.244, 312.096**, and if you desaturate by 10%, it is **43, 88.413, 312.238**.

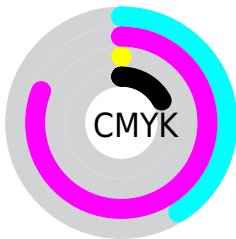
Distribution



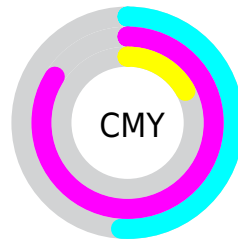
- Red (49%)
- Green (16%)
- Blue (84%)



- Red (49%)
- Yellow (16%)
- Blue (84%)



- Cyan (41%)
- Magenta (81%)
- Yellow (0%)
- Black (17%)





- Cyan (51%)
- Magenta (84%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 98.155, 312.345 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, 98.155, 312.345 by changing the saturation by 10% instead.

 39, 98.155,
312.345

 39, 98.155,
312.345

 100, 98.155,
312.345

 29, 98.155,
312.345

 59, 98.155,
312.345

 19, 98.155,
312.345

 69, 98.155,
312.345

 9, 98.155, 312.345

 79, 98.155,
312.345

 0, 98.155, 312.345

 89, 98.155,
312.345

 99, 98.155,
312.345

39, 98.155,
312.345

39, 98.155,
312.345

36, 105.244,
312.096

43, 88.413,
312.238

34, 109.211,
311.596

48, 76.911,
311.891

54, 64.449,
311.409

60, 51.594,
310.866

66, 38.709,
310.312

72, 26.002,
309.775

78, 13.586,
309.270

84, 1.515, 308.741

■ 91, 10.190,
128.421

Harmonies

Complementary

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



39, 98.155, 312.345



77, 86.613, 126.255

Rectangle

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



39, 98.155, 312.345



39, 98.155, 2.345



39, 98.155, 132.345



39, 98.155, 182.345

Sweetspot

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



39, 98.155, 312.346



83, 34.103, 309.932



53, 50.355, 274.322



41, 23.535, 310.125



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, 98.155, 312.346



41, 124.431, 311.613



52, 95.064, 327.461



42, 6.859, 309.180



26, 92.548, 311.767



3, 28.918, 308.066

Inverse Universe

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



49, 70.259, 354.967



55, 84.549, 1.270



75, 97.441, 136.845



42, 5.562, 343.924



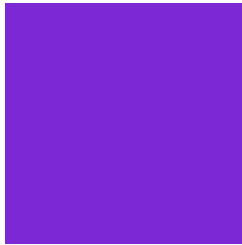
37, 62.904, 0.915



5, 23.618, 353.683

Previews

White Background



This preview shows how the CIELCh color 39, 98.155, 312.345 looks on a white background.

Color Contrast Check

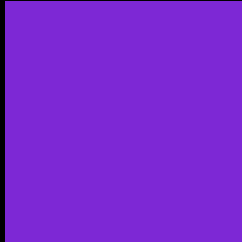
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98.155, 312.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

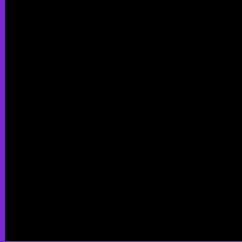
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 98.155, 312.345

Background



This preview shows how black text looks on a background with the CIELCh color 39, 98.155, 312.345.



This preview shows how white text looks on a background with the CIELCh color 39, 98.155, 312.345.

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, 98.155, 312.345

Protanopia

39, 60.055, 286.384

Deuteranopia

39, 42.782, 273.642



Tritanopia
39, 6.021, 334.896

Trichromacy



Original Color
39, 98.155, 312.345

Protanomaly
36, 76.344, 297.366

Deuteranomaly
36, 65.211, 294.409

Tritanomaly
37, 43.595, 312.845

Monochromacy



Original Color
39, 98.155, 312.345

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 40.542, 311.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 98.155, 312.345 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(125, 40, 213)` looks like.

```
.text, #text, p{  
    color:rgb(125, 40, 213)  
}
```

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(125, 40, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 40, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 98.155, 312.345 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(125, 40, 213) }
```

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

```
.border{ border-color:rgb(125, 40, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 40, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 40, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 40, 213);  
box-shadow:4px 4px 4px 4px rgb(125, 40,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 98.155, 312.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 40, 213) }
```

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

```
.background{ background-color: rgb(125, 40,  
213) }
```

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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