

Converting Colors

CIELCh(39, 100.326, 316.572)

Have a look what the booklet for
CIELCh(39, 100.326, 316.572)
contains.

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Color

CIELCh(39, 100.335, 316.510)

Conversions

Conversions Part 1

Format	Color
Hex	8E11CF
RGB	142, 17, 207
RGB Percent	56%, 7%, 81%
CMY	0.4431, 0.9332, 0.1882
CMYK	0.31, 0.92, 0.00, 0.19
HSL	279°, 85%, 44%
HSV	279°, 92%, 81%
XYZ	22.6220, 10.6589, 59.9039
YIQ	76.0350, 13.5100, 85.5900

Conversions

Conversions Part 2

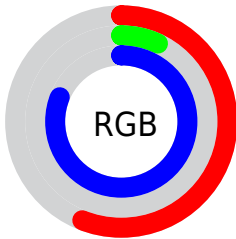
Format	Color
R _Y B	142, 17, 207
Decimal	9310671
CIE Lab	39.00, 72.79, -69.05
CIE LCh	39, 100.335, 316.510
Yxy	10.6589, 0.2428, 0.1144
Android (android.graphics.Color)	4287500751 (0xFF8E11CF)
YUV	76.0350, 64.5657, 57.8513
Hunter-Lab	32.6480, 66.5496, -85.9341

Details

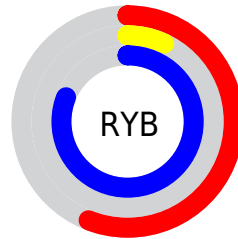
The CIELCh color **39, 100.335, 316.510** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **74, 94.757, 131.769**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 95.716, 317.631**, and **24, 83.382, 313.263** is the 20% darker color. If you saturate the color by 10%, you get **37, 103.211, 315.991**, and if you desaturate by 10%, it is **42, 94.675, 316.899**.

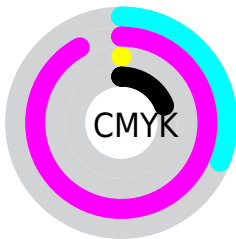
Distribution



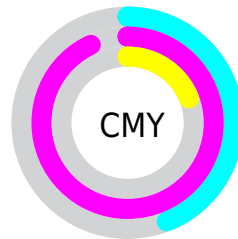
- Red (56%)
- Green (7%)
- Blue (81%)



- Red (56%)
- Yellow (7%)
- Blue (81%)



- Cyan (31%)
- Magenta (92%)
- Yellow (0%)
- Black (19%)





- Cyan (44%)
- Magenta (93%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 100.335, 316.510 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, 100.335, 316.510 by changing the saturation by 10% instead.


 39, 100.335,
316.510


 39, 100.335,
316.510


 100, 100.335,
316.510


 29, 100.335,
316.510


 59, 100.335,
316.510


 19, 100.335,
316.510


 69, 100.335,
316.510

 9, 100.335,
316.510

 79, 100.335,
316.510

 0, 100.335,
316.510

 89, 100.335,
316.510

 99, 100.335,
316.510

■ 39, 100.335,
316.510

■ 39, 100.335,
316.510

■ 37, 103.211,
315.991

■ 42, 94.675,
316.899

■ 45, 86.398,
316.988

■ 49, 76.123,
316.851

■ 54, 64.534,
316.562

■ 59, 52.210,
316.181

■ 65, 39.577,
315.752

■ 71, 26.917,
315.307

■ 76, 14.408,

314.864

■ 82, 2.154, 314.378

Harmonies

Complementary

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



39, 100.335, 316.510



74, 94.757, 131.769

Rectangle

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



39, 100.335, 316.510



39, 100.335, 6.510



39, 100.335, 136.510



39, 100.335, 186.510

Sweetspot

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



39, 100.334, 316.510



81, 41.211, 315.599



39, 74.724, 292.981



40, 28.529, 315.793



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, 100.334, 316.510



46, 120.878, 315.867



48, 86.889, 334.707



41, 6.981, 314.760



30, 88.391, 316.139



4, 27.933, 314.073

Inverse Universe

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



45, 71.139, 13.385



54, 86.573, 18.442



73, 95.111, 138.540



41, 4.919, 353.932



35, 63.005, 16.794



5, 20.674, 3.367

Previews

White Background



This preview shows how the CIE LCh color 39, 100.335, 316.510 looks on a white background.

Color Contrast Check

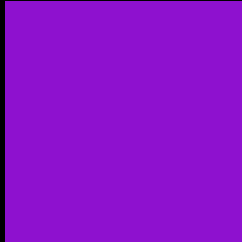
Large Text (above 18pt) WCAG AA ✓ Pass

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, 100.335, 316.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

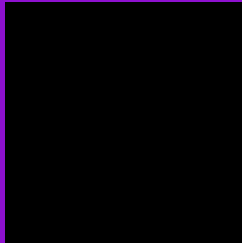
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 100.335, 316.510

Background



This preview shows how black text looks on a background with the CIELCh color 39, 100.335, 316.510.



This preview shows how white text looks on a background with the CIELCh color 39, 100.335,

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, 100.335, 316.510

Protanopia

40, 60.548, 286.396

Deuteranopia

39, 43.833, 274.631



Tritanopia
39, 17.513, 10.213

Trichromacy



Original Color
39, 100.335, 316.510

Protanomaly
35, 81.297, 300.128

Deuteranomaly
34, 69.786, 297.898

Tritanomaly
37, 49.692, 326.361

Monochromacy



Original Color
39, 100.335, 316.510

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 45.569, 316.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 100.335, 316.510 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(142, 17, 207)` looks like.

```
.text, #text, p{  
    color:rgb(142, 17, 207)  
}
```

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(142, 17, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 17, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 100.335, 316.510 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(142, 17, 207) }
```

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

```
.border{ border-color:rgb(142, 17, 207) }
```

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

Here you see how a box with a 4 pixel rgb(142, 17, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 17, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 17, 207);  
box-shadow:4px 4px 4px 4px rgb(142, 17,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 100.335, 316.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 17, 207) }
```

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

```
.background{ background-color: rgb(142, 17,  
207) }
```

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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