

Converting Colors

CIELCh(39, 109.226, 315.309)

Have a look what the booklet for
CIELCh(39, 109.226, 315.309)
contains.

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Color

CIELCh(39, 108.536, 315.315)

Conversions

Conversions Part 1

Format	Color
Hex	8C00DC
RGB	140, 0, 220
RGB Percent	55%, 0%, 86%
CMY	0.4527, 1.0000, 0.1389
CMYK	0.36, 1.00, 0.00, 0.14
HSL	278°, 100%, 43%
HSV	278°, 100%, 86%
XYZ	23.5938, 10.6589, 68.2352
YIQ	66.9400, 12.8200, 98.1000

Conversions

Conversions Part 2

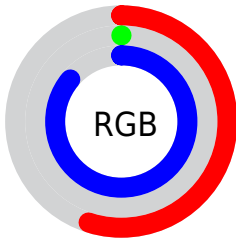
Format	Color
R _Y B	140, 0, 220
Decimal	9175260
CIE Lab	39.00, 77.17, -76.32
CIE LCh	39, 108.536, 315.315
Yxy	10.6589, 0.2302, 0.1040
Android (android.graphics.Color)	4287365340 (0xFF8C00DC)
YUV	66.9400, 75.4586, 64.0736
Hunter-Lab	32.6480, 71.8626, -101.0640

Details

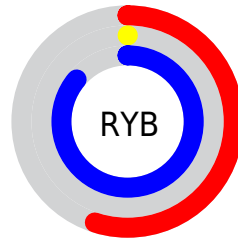
The CIELCh color **39, 108.536, 315.315** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **78, 101.640, 131.990**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **58, 97.573, 317.696**, and **25, 89.482, 311.660** is the 20% darker color. If you saturate the color by 10%, you get **39, 108.397, 315.294**, and if you desaturate by 10%, it is **41, 104.555, 315.937**.

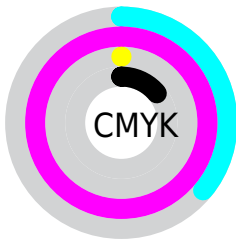
Distribution



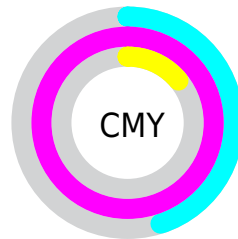
- Red (55%)
- Green (0%)
- Blue (86%)



- Red (55%)
- Yellow (0%)
- Blue (86%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)





- Cyan (45%)
- Magenta (100%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 108.536, 315.315 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, 108.536, 315.315 by changing the saturation by 10% instead.


 39, 108.536,
315.315


 39, 108.536,
315.315


 100, 108.536,
315.315


 29, 108.536,
315.315


 59, 108.536,
315.315


 19, 108.536,
315.315


 69, 108.536,
315.315

 9, 108.536,
315.315

 79, 108.536,
315.315

 0, 108.536,
315.315

 89, 108.536,
315.315

 99, 108.536,
315.315

■ 39, 108.536,
315.315

■ 39, 108.536,
315.315

■ 39, 108.397,
315.294

■ 41, 104.555,
315.937

■ 44, 98.023,
316.277

■ 48, 88.822,
316.316

■ 53, 77.665,
316.136

■ 58, 65.280,
315.813

■ 64, 52.250,
315.407

■ 69, 38.989,
314.963

■ 75, 25.765,

314.510

■ 81, 12.741,
314.064

Harmonies

Complementary

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



39, 108.536, 315.315



78, 101.640, 131.990

Rectangle

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



39, 108.536, 315.315



39, 108.536, 5.315



39, 108.536, 135.315



39, 108.536, 185.315

Sweetspot

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



39, 108.397, 315.294



79, 44.025, 314.974



40, 83.725, 295.072



39, 30.116, 315.166



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, 108.397, 315.294



46, 121.432, 315.205



51, 92.884, 334.445



43, 7.221, 314.039



30, 90.777, 315.462



4, 32.312, 314.830

Inverse Universe

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



47, 76.555, 15.792



54, 85.857, 16.306



77, 103.922, 137.216



43, 5.180, 352.478



37, 63.993, 14.825



6, 24.118, 3.366

Previews

White Background



This preview shows how the CIELCh color 39, 108.536, 315.315 looks on a white background.

Color Contrast Check

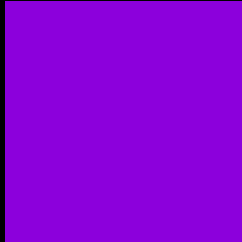
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108.536, 315.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

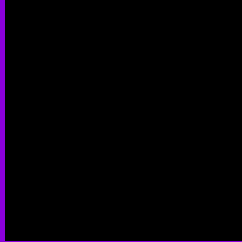
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 108.536, 315.315

Background



This preview shows how black text looks on a background with the CIELCh color 39, 108.536, 315.315.



This preview shows how white text looks on a background with the CIELCh color 39, 108.536, 315.315.

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, 108.536, 315.315

Protanopia

40, 61.041, 286.408

Deuteranopia

40, 43.297, 273.834



Tritanopia
40, 13.064, 5.243

Trichromacy



Original Color
39, 108.536, 315.315



Protanomaly
34, 87.102, 301.414



Deuteranomaly
33, 75.958, 299.798



Tritanomaly
36, 54.313, 322.138

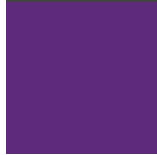
Monochromacy



Original Color
39, 108.536, 315.315



Achromatopsia
28, 0.004, 296.813



Achromatomaly
28, 51.748, 316.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 108.536, 315.315 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(140, 0, 220)` looks like.

```
.text, #text, p{  
    color:rgb(140, 0, 220)  
}
```

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(140, 0, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 0, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 108.536, 315.315 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(140, 0, 220) }
```

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

```
.border{ border-color:rgb(140, 0, 220) }
```

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

Here you see how a box with a 4 pixel rgb(140, 0, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 0, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 0, 220);  
box-shadow:4px 4px 4px 4px rgb(140, 0,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 108.536, 315.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 0, 220) }
```

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

```
.background{ background-color: rgb(140, 0,  
220) }
```

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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