

Converting Colors

CIELCh(39, 57.615, 349.226)

Have a look what the booklet for
CIELCh(39, 57.615, 349.226)
contains.

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Color

CIELCh(39, 57.589, 349.227)

Conversions

Conversions Part 1

Format	Color
Hex	A6276F
RGB	166, 39, 111
RGB Percent	65%, 15%, 44%
CMY	0.3499, 0.8481, 0.5655
CMYK	0.00, 0.77, 0.33, 0.35
HSL	326°, 62%, 40%
HSV	326°, 77%, 65%
XYZ	19.2525, 10.6589, 16.0237
YIQ	85.1810, 52.5800, 49.3160

Conversions

Conversions Part 2

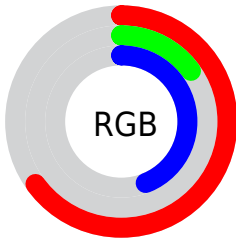
Format	Color
R_{YB}	166, 39, 111
Decimal	10889071
CIE Lab	39.00, 56.57, -10.76
CIE LCh	39, 57.589, 349.227
Yxy	10.6589, 0.4191, 0.2320
Android (android.graphics.Color)	4289079151 (0xFFA6276F)
YUV	85.1810, 12.7288, 70.8783
Hunter-Lab	32.6480, 48.1272, -6.2460

Details

The CIELCh color **39, 57.589, 349.227** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **60, 57.423, 150.961**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 57.708, 349.172**, and **22, 46.687, 353.094** is the 20% darker color. If you saturate the color by 10%, you get **37, 60.778, 351.553**, and if you desaturate by 10%, it is **41, 52.626, 347.355**.

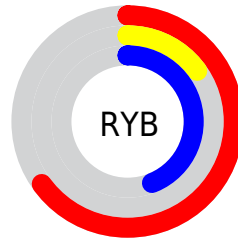
Distribution



Red (65%)

Green (15%)

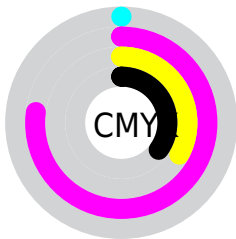
Blue (44%)



Red (65%)

Yellow (15%)

Blue (44%)

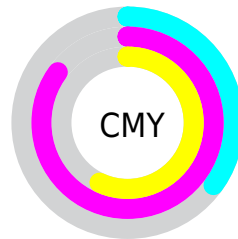


Cyan (0%)

Magenta (77%)

Yellow (33%)

Black (35%)



Cyan (35%)

Magenta (85%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 57.589, 349.227 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, 57.589, 349.227 by changing the saturation by 10% instead.

 39, 57.589,
349.227

 39, 57.589,
349.227

 100, 57.589,
349.227


 29, 57.589,
349.227

 59, 57.589,
349.227

 19, 57.589,
349.227

 69, 57.589,
349.227

 9, 57.589, 349.227

 79, 57.589,
349.227

 0, 57.589, 349.227

 89, 57.589,
349.227

 99, 57.589,
349.227

■ 39, 57.589,
349.227

■ 39, 57.589,
349.227

■ 37, 60.778,
351.553

■ 41, 52.626,
347.355

■ 36, 62.198,
354.439

■ 45, 46.218,
345.815

■ 36, 62.560,
355.464

■ 48, 38.780,
344.516

■ 52, 30.708,
343.390

■ 56, 22.322,
342.392

■ 60, 13.858,
341.490

■ 65, 5.473, 340.640

■ 70, 2.739, 160.075

■ 74, 10.722,
159.295

Harmonies

Complementary

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



39, 57.589, 349.227



60, 57.423, 150.961

Rectangle

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



39, 57.589, 349.227



39, 57.589, 39.227



39, 57.589, 169.227



39, 57.589, 219.227

Sweetspot

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



39, 57.586, 349.228



74, 23.950, 342.095



30, 77.349, 310.431



37, 16.734, 342.420



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



39, 57.586, 349.228



48, 75.600, 353.550



37, 57.584, 26.768



33, 4.743, 340.867



32, 57.621, 355.107



2, 8.128, 344.129

Inverse Universe

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



39, 57.586, 349.228



48, 75.600, 353.550



62, 35.780, 186.709



33, 4.743, 340.867



32, 57.621, 355.107



2, 8.128, 344.129

Previews

White Background



This preview shows how the CIELCh color 39, 57.589, 349.227 looks on a white background.

Color Contrast Check

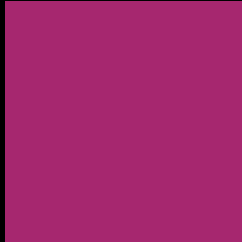
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57.589, 349.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

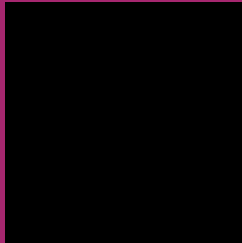
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 57.589, 349.227

Background



This preview shows how black text looks on a background with the CIELCh color 39, 57.589, 349.227.



This preview shows how white text looks on a background with the CIELCh color 39, 57.589, 349.227.

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, 57.589, 349.227

Protanopia

40, 34.373, 285.621

Deuteranopia

40, 8.348, 308.260



Tritanopia
39, 49.772, 26.957

Trichromacy



Original Color
39, 57.589, 349.227

Protanomaly
37, 39.997, 312.849

Deuteranomaly
38, 28.695, 338.121

Tritanomaly
39, 49.708, 11.844

Monochromacy



Original Color
39, 57.589, 349.227

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 24.841, 343.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 57.589, 349.227 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(166, 39, 111)` looks like.

```
.text, #text, p{  
    color:rgb(166, 39, 111)  
}
```

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(166, 39, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 39, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 57.589, 349.227 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(166, 39, 111) }
```

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

```
.border{ border-color:rgb(166, 39, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 39, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 39, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 39, 111);  
box-shadow:4px 4px 4px 4px rgb(166, 39,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 57.589, 349.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 39, 111) }
```

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

```
.background{ background-color: rgb(166, 39,  
111) }
```

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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