

Converting Colors

CIELCh(39, 71.268, 42.103)

Have a look what the booklet for
CIELCh(39, 71.268, 42.103) contains.

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Color

CIELCh(39, 71.061, 42.099)

Conversions

Conversions Part 1

Format	Color
Hex	AF280C
RGB	175, 40, 12
RGB Percent	69%, 16%, 5%
CMY	0.3137, 0.8431, 0.9529
CMYK	0.00, 0.77, 0.93, 0.31
HSL	10°, 87%, 37%
HSV	10°, 93%, 69%
XYZ	18.5056, 10.6589, 1.4300
YIQ	77.1730, 89.4480, 19.9120

Conversions

Conversions Part 2

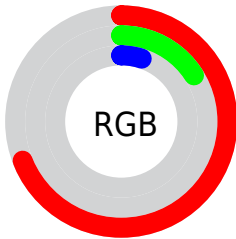
Format	Color
R _Y B	175, 46, 12
Decimal	11479052
CIE Lab	39.00, 52.73, 47.64
CIE LCh	39, 71.061, 42.099
Yxy	10.6589, 0.6049, 0.3484
Android (android.graphics.Color)	4289669132 (0xFFAF280C)
YUV	77.1730, -32.1303, 85.7943
Hunter-Lab	32.6480, 44.0434, 20.2566

Details

The CIELCh color **39, 71.061, 42.099** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **56, 32.424, 227.140**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 70.962, 42.392**, and **22, 55.167, 37.186** is the 20% darker color. If you saturate the color by 10%, you get **38, 75.577, 42.784**, and if you desaturate by 10%, it is **41, 63.394, 41.116**.

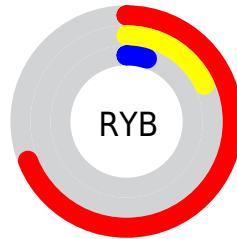
Distribution



Red (69%)

Green (16%)

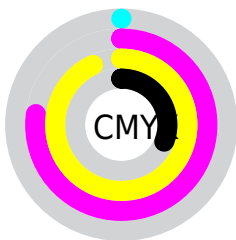
Blue (5%)



Red (69%)

Yellow (18%)

Blue (5%)

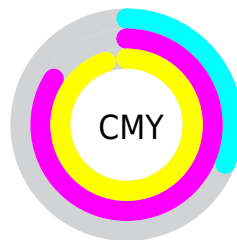


Cyan (0%)

Magenta (77%)

Yellow (93%)

Black (31%)



Cyan (31%)

Magenta (84%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 71.061, 42.099 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, 71.061, 42.099 by changing the saturation by 10% instead.

■ 39, 71.061, 42.099

■ 39, 71.061, 42.099

■ 100, 71.061,
42.099

■ 29, 71.061, 42.099

■ 59, 71.061, 42.099

■ 19, 71.061, 42.099

■ 69, 71.061, 42.099

■ 9, 71.061, 42.099

■ 79, 71.061, 42.099

■ 0, 71.061, 42.099

■ 89, 71.061, 42.099

■ 99, 71.061, 42.099

■ 39, 71.061, 42.099

■ 39, 71.061, 42.099

■ 38, 75.577, 42.784

■ 41, 63.394, 41.116

44, 54.676, 39.807

47, 45.809, 38.608

50, 37.202, 37.660

54, 29.045, 36.978

58, 21.421, 36.531

62, 14.350, 36.273

66, 7.819, 36.151

70, 1.793, 35.962

Harmonies

Complementary

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



39, 71.061, 42.099



56, 32.424, 227.140

Rectangle

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



39, 71.061, 42.099



39, 71.061, 92.099



39, 71.061, 222.099



39, 71.061, 272.099

Sweetspot

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



39, 71.058, 42.101



76, 21.932, 36.390



40, 75.781, 335.588



38, 15.534, 36.516



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



39, 71.058, 42.101



49, 92.262, 42.416



55, 60.293, 77.325



34, 3.292, 36.120



32, 67.110, 42.830



2, 6.873, 32.780

Inverse Universe

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



56, 32.424, 227.140



71, 39.900, 229.906



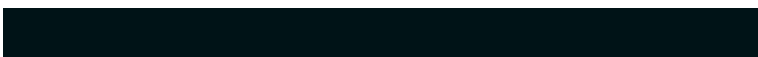
32, 67.989, 294.122



36, 3.106, 216.495



48, 29.378, 228.813



5, 6.499, 223.879

Previews

White Background



This preview shows how the CIELCh color 39, 71.061, 42.099 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, 71.061, 42.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

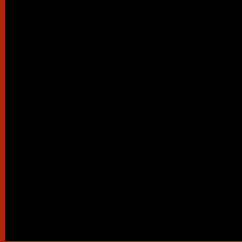
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 71.061, 42.099

Background



This preview shows how black text looks on a background with the CIELCh color 39, 71.061, 42.099.



This preview shows how white text looks on a background with the CIELCh color 39, 71.061, 42.099.

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, 71.061, 42.099

Protanopia

39, 38.844, 95.143

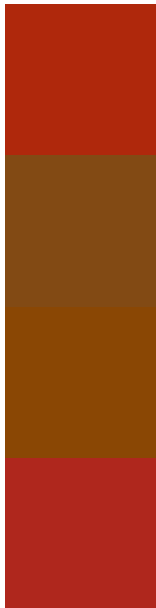
Deuteranopia

39, 47.334, 84.492



Tritanopia
39, 64.365, 32.982

Trichromacy



Original Color
39, 71.061, 42.099

Protanomaly
37, 44.450, 63.821

Deuteranomaly
38, 52.325, 62.021

Tritanomaly
39, 66.737, 36.862

Monochromacy



Original Color
39, 71.061, 42.099

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 25.594, 38.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 71.061, 42.099 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(175, 40, 12)` looks like.

```
.text, #text, p{  
    color:rgb(175, 40, 12)  
}
```

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(175, 40, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 40, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 71.061, 42.099 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(175, 40, 12) }
```

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

```
.border{ border-color:rgb(175, 40, 12) }
```

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

Here you see how a box with a 4 pixel rgb(175, 40, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 40, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 40, 12);  
box-shadow:4px 4px 4px 4px rgb(175, 40,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 71.061, 42.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 40, 12) }
```

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

```
.background{ background-color: rgb(175, 40,  
12) }
```

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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