

Converting Colors

CIELCh(39, 56.240, 60.009)

Have a look what the booklet for
CIELCh(39, 56.240, 60.009) contains.

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Color

CIELCh(39, 56.080, 60.061)

Conversions

Conversions Part 1

Format	Color
Hex	924701
RGB	146, 71, 1
RGB Percent	57%, 28%, 0%
CMY	0.4267, 0.7209, 0.9954
CMYK	0.00, 0.51, 0.99, 0.43
HSL	29°, 98%, 29%
HSV	29°, 99%, 57%
XYZ	14.1595, 10.6589, 1.3448
YIQ	85.4450, 67.1700, -5.8700

Conversions

Conversions Part 2

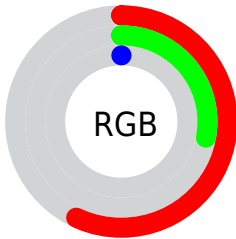
Format	Color
R _Y B	146, 136, 1
Decimal	9586433
CIE Lab	39.00, 27.99, 48.60
CIE LCh	39, 56.080, 60.061
Yxy	10.6589, 0.5412, 0.4074
Android (android.graphics.Color)	4287776513 (0xFF924701)
YUV	85.4450, -41.6314, 53.1067
Hunter-Lab	32.6480, 20.2816, 20.4113

Details

The CIELCh color **39, 56.080, 60.061** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **32, 44.885, 281.047**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 56.277, 60.281**, and **19, 40.105, 45.021** is the 20% darker color. If you saturate the color by 10%, you get **39, 56.499, 59.944**, and if you desaturate by 10%, it is **41, 51.380, 62.080**.

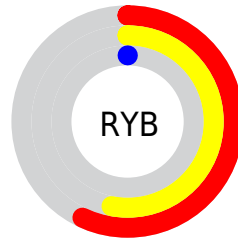
Distribution



Red (57%)

Green (28%)

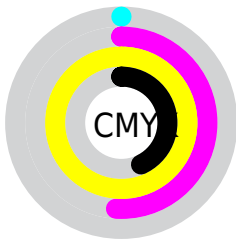
Blue (0%)



Red (57%)

Yellow (53%)

Blue (0%)

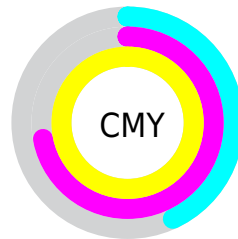


Cyan (0%)

Magenta (51%)

Yellow (99%)

Black (43%)



Cyan (43%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 56.080, 60.061 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, 56.080, 60.061 by changing the saturation by 10% instead.

■ 39, 56.080, 60.061

■ 39, 56.080, 60.061

■ 100, 56.080,
60.061

■ 29, 56.080, 60.061

■ 59, 56.080, 60.061

■ 19, 56.080, 60.061

■ 69, 56.080, 60.061

■ 9, 56.080, 60.061

■ 79, 56.080, 60.061

■ 0, 56.080, 60.061

■ 89, 56.080, 60.061

■ 99, 56.080, 60.061

■ 39, 56.080, 60.061

■ 39, 56.080, 60.061

■ 39, 56.499, 59.944

■ 41, 51.380, 62.080

■ 43, 45.861, 63.817

■ 45, 39.688, 65.218

■ 47, 33.353, 66.476

■ 49, 27.114, 67.683

■ 51, 21.090, 68.874

■ 54, 15.326, 70.061

■ 56, 9.832, 71.238

■ 58, 4.596, 72.381

Harmonies

Complementary

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



39, 56.080, 60.061



32, 44.885, 281.047

Rectangle

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



39, 56.080, 60.061



39, 56.080, 110.061



39, 56.080, 240.061



39, 56.080, 290.061

Sweetspot

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



39, 56.078, 60.063



68, 19.676, 69.891



31, 56.395, 357.826



35, 13.659, 69.436



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



39, 56.078, 60.063



50, 69.207, 59.084



57, 62.314, 100.784



30, 2.851, 72.379



37, 54.026, 60.166



2, 2.450, 73.507

Inverse Universe

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



32, 44.885, 281.047



42, 56.299, 282.429



17, 86.284, 305.666



30, 2.786, 254.720



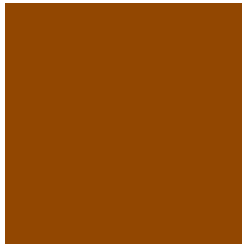
30, 43.096, 281.098



1, 2.451, 253.520

Previews

White Background



This preview shows how the CIELCh color 39, 56.080, 60.061 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, 56.080, 60.061 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, 56.080, 60.061

Background



This preview shows how black text looks on a background with the CIELCh color 39, 56.080, 60.061.



This preview shows how white text looks on a background with the CIELCh color 39, 56.080, 60.061.

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, 56.080, 60.061

Protanopia

39, 43.114, 95.979

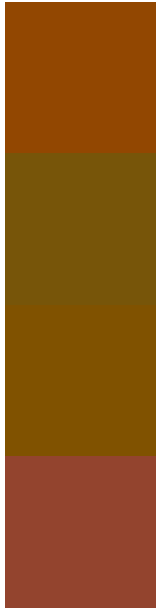
Deuteranopia

39, 47.334, 84.492



Tritanopia
39, 37.650, 21.631

Trichromacy



Original Color
39, 56.080, 60.061

Protanomaly
39, 44.835, 80.321

Deuteranomaly
39, 49.486, 74.215

Tritanomaly
39, 42.761, 42.372

Monochromacy



Original Color
39, 56.080, 60.061

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 21.067, 68.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 56.080, 60.061 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(146, 71, 1)` looks like.

```
.text, #text, p{  
    color:rgb(146, 71, 1)  
}
```

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(146, 71, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 71, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 56.080, 60.061 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(146, 71, 1) }
```

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

```
.border{ border-color:rgb(146, 71, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 71, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 71, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 71, 1);  
box-shadow:4px 4px 4px 4px rgb(146, 71, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 56.080, 60.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 71, 1) }
```

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

```
.background{ background-color: rgb(146, 71,  
1) }
```

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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