

Converting Colors

CIELCh(39, 44.931, 81.354)

Have a look what the booklet for
CIELCh(39, 44.931, 81.354) contains.

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Color

CIELCh(39, 44.952, 81.119)

Conversions

Conversions Part 1

Format	Color
Hex	775609
RGB	119, 86, 9
RGB Percent	47%, 34%, 4%
CMY	0.5322, 0.6617, 0.9633
CMYK	0.00, 0.28, 0.92, 0.53
HSL	42°, 85%, 25%
HSV	42°, 92%, 47%
XYZ	11.0470, 10.6589, 1.7440
YIQ	87.0890, 44.3850, -16.9510

Conversions

Conversions Part 2

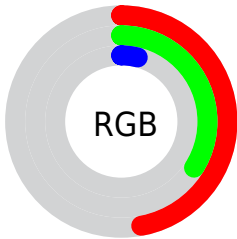
Format	Color
R_YB	56, 119, 9
Decimal	7820809
CIE Lab	39.00, 6.94, 44.41
CIE LCh	39, 44.952, 81.119
Yxy	10.6589, 0.4711, 0.4545
Android (android.graphics.Color)	4286010889 (0xFF775609)
YUV	87.0890, -38.4979, 27.9859
Hunter-Lab	32.6480, 3.2644, 19.6865

Details

The CIELCh color **39, 44.952, 81.119** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20, 51.549, 294.600**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 44.735, 80.711**, and **19, 28.567, 73.954** is the 20% darker color. If you saturate the color by 10%, you get **38, 47.330, 79.781**, and if you desaturate by 10%, it is **40, 41.685, 82.866**.

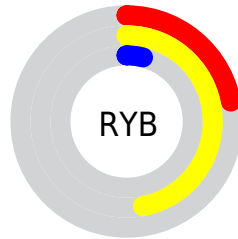
Distribution



Red (47%)

Green (34%)

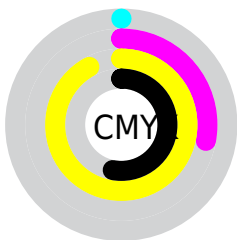
Blue (4%)



Red (22%)

Yellow (47%)

Blue (4%)

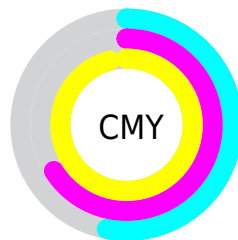


Cyan (0%)

Magenta (28%)

Yellow (92%)

Black (53%)



Cyan (53%)

Magenta (66%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 44.952, 81.119 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, 44.952, 81.119 by changing the saturation by 10% instead.

■ 39, 44.952, 81.119

■ 39, 44.952, 81.119

■ 100, 44.952,
81.119

■ 29, 44.952, 81.119

■ 59, 44.952, 81.119

■ 19, 44.952, 81.119

■ 69, 44.952, 81.119

■ 9, 44.952, 81.119

■ 79, 44.952, 81.119

■ 0, 44.952, 81.119

■ 89, 44.952, 81.119

■ 99, 44.952, 81.119

■ 39, 44.952, 81.119

■ 39, 44.952, 81.119

■ 38, 47.330, 79.781

■ 40, 41.685, 82.866

■ 41, 37.395, 84.404

■ 42, 32.505, 85.827

■ 43, 27.316, 87.184

■ 45, 22.009, 88.499

■ 46, 16.689, 89.778

■ 47, 11.413, 91.020

■ 49, 6.206, 92.219

■ 50, 1.084, 93.275

Harmonies

Complementary

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



39, 44.952, 81.119



20, 51.549, 294.600

Rectangle

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



39, 44.952, 81.119



39, 44.952, 131.119



39, 44.952, 261.119



39, 44.952, 311.119

Sweetspot

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



39, 44.951, 81.122



60, 18.019, 90.210



25, 46.789, 13.811



30, 12.569, 89.762



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



39, 44.951, 81.122



49, 57.297, 79.101



47, 54.353, 113.171



24, 2.827, 92.581



39, 48.203, 79.709



77, 81.503, 78.204

Inverse Universe

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



20, 51.549, 294.600



25, 70.141, 297.866



14, 70.590, 306.697



23, 2.837, 274.786



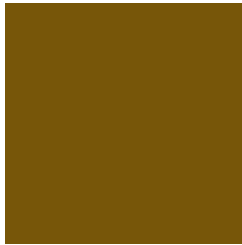
19, 57.587, 297.070



41, 103.241, 298.962

Previews

White Background



This preview shows how the CIE LCh color 39, 44.952, 81.119 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, 44.952, 81.119 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, 44.952, 81.119

Background



This preview shows how black text looks on a background with the CIELCh color 39, 44.952, 81.119.



This preview shows how white text looks on a background with the CIELCh color 39, 44.952, 81.119.

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, 44.952, 81.119

Protanopia

39, 43.406, 95.981

Deuteranopia

39, 44.931, 83.176



Tritanopia
39, 19.352, 11.710

Trichromacy



Original Color
39, 44.952, 81.119

Protanomaly
39, 43.744, 90.542

Deuteranomaly
39, 45.135, 82.580

Tritanomaly
39, 24.935, 56.496

Monochromacy



Original Color
39, 44.952, 81.119

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 18.081, 88.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 44.952, 81.119 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(119, 86, 9)` looks like.

```
.text, #text, p{  
    color:rgb(119, 86, 9)  
}
```

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(119, 86, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 86, 9) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 44.952, 81.119 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(119, 86, 9) }
```

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

```
.border{ border-color:rgb(119, 86, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 86, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 86, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 86, 9);  
box-shadow:4px 4px 4px 4px rgb(119, 86, 9)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 44.952, 81.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 86, 9) }
```

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

```
.background{ background-color: rgb(119, 86,  
9) }
```

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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