

Converting Colors

CIELCh(39, 15.616, 15.103)

Have a look what the booklet for
CIELCh(39, 15.616, 15.103) contains.

CIELCh(39, 15.616, 15.103)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(39, 15.616, 15.103)

Conversions

Conversions Part 1

Format	Color
Hex	765356
RGB	118, 83, 86
RGB Percent	46%, 33%, 34%
CMY	0.5381, 0.6753, 0.6636
CMYK	0.00, 0.30, 0.27, 0.54
HSL	355°, 17%, 39%
HSV	355°, 30%, 46%
XYZ	12.1894, 10.6589, 10.1750
YIQ	93.8070, 19.8970, 8.3530

Conversions

Conversions Part 2

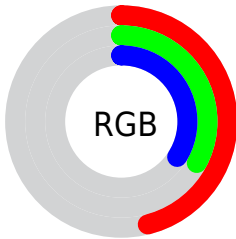
Format	Color
RYB	118, 83, 86
Decimal	7754582
CIELab	39.00, 15.08, 4.07
CIELCh	39, 15.616, 15.103
Yxy	10.6589, 0.3691, 0.3228
Android (android.graphics.Color)	4285944662 (0xFF765356)
YUV	93.8070, -3.8489, 21.2173
Hunter-Lab	32.6480, 9.5103, 4.3754

Details

The CIELCh color **39, 15.616, 15.103** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **47, 13.302, 190.228**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 15.527, 14.840**, and **19, 15.165, 15.636** is the 20% darker color. If you saturate the color by 10%, you get **36, 21.455, 16.526**, and if you desaturate by 10%, it is **42, 10.047, 13.958**.

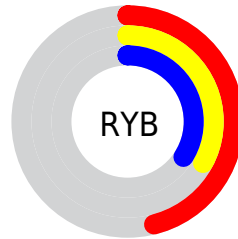
Distribution



Red (46%)

Green (33%)

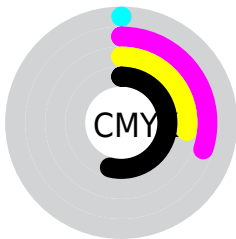
Blue (34%)



Red (46%)

Yellow (33%)

Blue (34%)

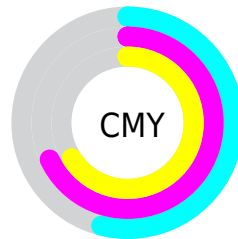


Cyan (0%)

Magenta (30%)

Yellow (27%)

Black (54%)



Cyan (54%)

Magenta (68%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 15.616, 15.103 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, 15.616, 15.103 by changing the saturation by 10% instead.

■ 39, 15.616, 15.103

■ 39, 15.616, 15.103

■ 100, 15.616,
15.103

■ 29, 15.616, 15.103

■ 59, 15.616, 15.103

■ 19, 15.616, 15.103

■ 69, 15.616, 15.103

■ 9, 15.616, 15.103

■ 79, 15.616, 15.103

■ 0, 15.616, 15.103

■ 89, 15.616, 15.103

■ 99, 15.616, 15.103

■ 39, 15.616, 15.103

■ 39, 15.616, 15.103

■ 36, 21.455, 16.526

■ 42, 10.047, 13.958

■ 33, 27.486, 18.305

■ 46, 4.792, 12.990

■ 30, 33.575, 20.550

■ 50, 0.141, 194.896

■ 27, 39.547, 23.372

■ 53, 4.761, 191.728

■ 26, 45.213, 26.840

■ 57, 9.089, 191.141

■ 24, 50.389, 30.876

■ 61, 13.151,
190.654

■ 23, 54.834, 34.103

■ 64, 16.974,
190.233

■ 23, 54.948, 34.152

■ 68, 20.582,
189.864

■ 72, 24.002,
189.537

Harmonies

Complementary

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



39, 15.616, 15.103



47, 13.302, 190.228

Rectangle

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



39, 15.616, 15.103



39, 15.616, 65.103



39, 15.616, 195.103



39, 15.616, 245.103

Sweetspot

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



39, 15.615, 15.108



59, 5.499, 12.946



40, 24.624, 323.077



30, 3.813, 13.054



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



39, 15.615, 15.108



48, 23.927, 16.097



43, 12.751, 61.040



23, 2.765, 12.928



24, 56.718, 34.514



52, 99.397, 37.305

Inverse Universe

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



39, 15.615, 15.108



48, 23.927, 16.097



43, 11.229, 247.745



23, 2.765, 12.928



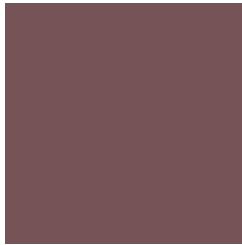
24, 56.718, 34.514



52, 99.397, 37.305

Previews

White Background



This preview shows how the CIELCh color 39, 15.616, 15.103 looks on a white background.

Color Contrast Check

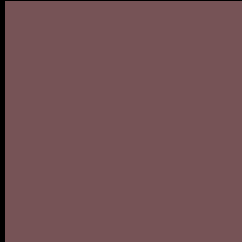
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.616, 15.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

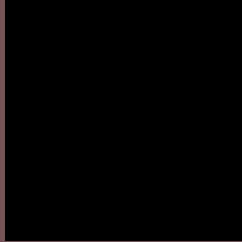
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 15.616, 15.103

Background



This preview shows how black text looks on a background with the CIELCh color 39, 15.616, 15.103.



This preview shows how white text looks on a background with the CIELCh color 39, 15.616, 15.103.

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, 15.616, 15.103

Protanopia

39, 1.036, 55.192

Deuteranopia

39, 7.058, 40.310



Tritanopia
39, 16.280, 6.878

Trichromacy



Original Color
39, 15.616, 15.103

Protanomaly
39, 6.067, 20.196

Deuteranomaly
39, 9.840, 27.779

Tritanomaly
39, 16.199, 8.985

Monochromacy



Original Color
39, 15.616, 15.103

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 5.626, 13.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 15.616, 15.103 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(118, 83, 86)` looks like.

```
.text, #text, p{  
    color:rgb(118, 83, 86)  
}
```

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(118, 83, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 83, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 15.616, 15.103 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(118, 83, 86) }
```

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

```
.border{ border-color:rgb(118, 83, 86) }
```

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

Here you see how a box with a 4 pixel rgb(118, 83, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 83, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 83, 86);  
box-shadow:4px 4px 4px 4px rgb(118, 83,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 15.616, 15.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 83, 86) }
```

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

```
.background{ background-color: rgb(118, 83,  
86) }
```

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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