

Converting Colors

CIELCh(39, 71.643, 44.666)

Have a look what the booklet for
CIELCh(39, 71.643, 44.666) contains.

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Color

CIELCh(39, 71.703, 44.700)

Conversions

Conversions Part 1

Format	Color
Hex	AD2B03
RGB	173, 43, 3
RGB Percent	68%, 17%, 1%
CMY	0.3207, 0.8305, 0.9876
CMYK	0.00, 0.75, 0.98, 0.32
HSL	14°, 96%, 35%
HSV	14°, 98%, 68%
XYZ	18.1705, 10.6589, 1.1907
YIQ	77.3100, 90.3200, 15.1200

Conversions

Conversions Part 2

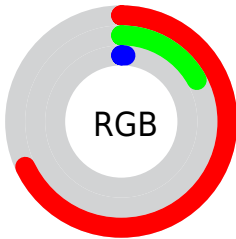
Format	Color
RYB	173, 55, 3
Decimal	11348739
CIELab	39.00, 50.97, 50.44
CIElCh	39, 71.703, 44.700
Yxy	10.6589, 0.6053, 0.3551
Android (android.graphics.Color)	4289538819 (0xFFAD2B03)
YUV	77.3100, -36.6348, 83.9201
Hunter-Lab	32.6480, 42.2112, 20.6914

Details

The CIELCh color **39, 71.703, 44.700** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **52, 33.473, 242.234**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 71.794, 44.715**, and **22, 54.329, 36.989** is the 20% darker color. If you saturate the color by 10%, you get **39, 72.972, 44.832**, and if you desaturate by 10%, it is **41, 64.864, 44.714**.

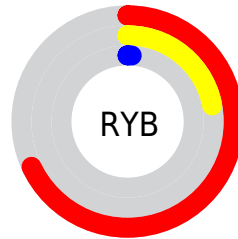
Distribution



Red (68%)

Green (17%)

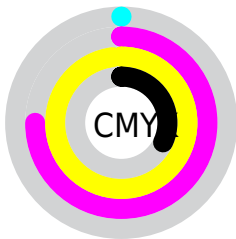
Blue (1%)



Red (68%)

Yellow (22%)

Blue (1%)

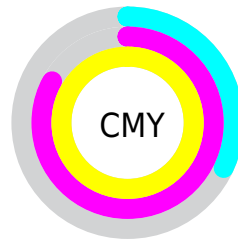


Cyan (0%)

Magenta (75%)

Yellow (98%)

Black (32%)



Cyan (32%)

Magenta (83%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 71.703, 44.700 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, 71.703, 44.700 by changing the saturation by 10% instead.

■ 39, 71.703, 44.700

■ 39, 71.703, 44.700

■ 100, 71.703,
44.700

■ 29, 71.703, 44.700

■ 59, 71.703, 44.700

■ 19, 71.703, 44.700

■ 69, 71.703, 44.700

■ 9, 71.703, 44.700

■ 79, 71.703, 44.700

■ 0, 71.703, 44.700

■ 89, 71.703, 44.700

■ 99, 71.703, 44.700

■ 39, 71.703, 44.700

■ 39, 71.703, 44.700

■ 39, 72.972, 44.832

■ 41, 64.864, 44.714

43, 56.709, 44.285

46, 48.113, 43.711

49, 39.660, 43.240

53, 31.608, 42.947

56, 24.062, 42.835

60, 17.050, 42.881

64, 10.561, 43.049

68, 4.563, 43.277

Harmonies

Complementary

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



39, 71.703, 44.700



52, 33.473, 242.234

Rectangle

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



39, 71.703, 44.700



39, 71.703, 94.700



39, 71.703, 224.700



39, 71.703, 274.700

Sweetspot

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



39, 71.700, 44.702



75, 21.783, 42.867



39, 72.163, 339.953



38, 15.181, 42.838



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



39, 71.700, 44.702



50, 89.082, 44.354



56, 61.998, 82.340



35, 3.179, 43.253



33, 65.406, 45.062



3, 6.641, 38.560

Inverse Universe

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



52, 33.473, 242.234



66, 41.043, 243.842



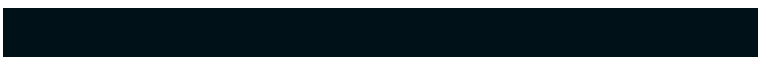
27, 78.858, 299.244



35, 3.009, 224.182



45, 30.304, 242.424



4, 6.390, 233.514

Previews

White Background



This preview shows how the CIELCh color 39, 71.703, 44.700 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, 71.703, 44.700 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, 71.703, 44.700

Background



This preview shows how black text looks on a background with the CIELCh color 39, 71.703, 44.700.



This preview shows how white text looks on a background with the CIELCh color 39, 71.703, 44.700.

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, 71.703, 44.700

Protanopia

39, 40.836, 95.239

Deuteranopia

39, 47.334, 84.492



Tritanopia
39, 62.735, 32.064

Trichromacy



Original Color
39, 71.703, 44.700

Protanomaly
37, 46.380, 66.030

Deuteranomaly
38, 52.689, 63.539

Tritanomaly
39, 66.527, 38.059

Monochromacy



Original Color
39, 71.703, 44.700

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 25.974, 42.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 71.703, 44.700 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(173, 43, 3)` looks like.

```
.text, #text, p{  
    color:rgb(173, 43, 3)  
}
```

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(173, 43, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 43, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 71.703, 44.700 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(173, 43, 3) }
```

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

```
.border{ border-color:rgb(173, 43, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 43, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 43, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 43, 3);  
box-shadow:4px 4px 4px 4px rgb(173, 43, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 71.703, 44.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 43, 3) }
```

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

```
.background{ background-color: rgb(173, 43,  
3) }
```

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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