

Converting Colors

CIELCh(39, 39.905, 96.639)

Have a look what the booklet for
CIELCh(39, 39.905, 96.639) contains.

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Color

CIELCh(39, 39.905, 96.639)

Conversions

Conversions Part 1

Format	Color
Hex	675D16
RGB	103, 93, 22
RGB Percent	40%, 36%, 9%
CMY	0.5980, 0.6371, 0.9157
CMYK	0.00, 0.10, 0.79, 0.60
HSL	53°, 65%, 24%
HSV	53°, 79%, 40%
XYZ	9.5510, 10.6589, 2.2880
YIQ	87.8960, 28.7510, -19.9610

Conversions

Conversions Part 2

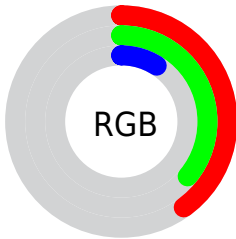
Format	Color
R_{YB}	33, 103, 22
Decimal	6774038
CIE Lab	39.00, -4.61, 39.64
CIE LCh	39, 39.905, 96.639
Yxy	10.6589, 0.4245, 0.4738
Android (android.graphics.Color)	4284964118 (0xFF675D16)
YUV	87.8960, -32.4867, 13.2462
Hunter-Lab	32.6480, -4.9151, 18.6985

Details

The CIELCh color **39, 39.905, 96.639** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **16, 48.815, 298.681**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 39.965, 96.395**, and **19, 27.437, 96.809** is the 20% darker color. If you saturate the color by 10%, you get **39, 42.973, 95.718**, and if you desaturate by 10%, it is **39, 35.915, 97.606**.

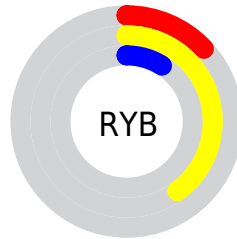
Distribution



Red (40%)

Green (36%)

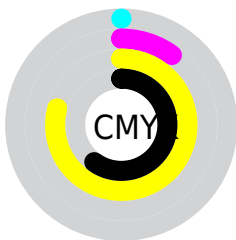
Blue (9%)



Red (13%)

Yellow (40%)

Blue (9%)

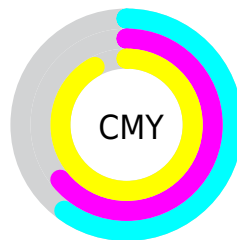


Cyan (0%)

Magenta (10%)

Yellow (79%)

Black (60%)



Cyan (60%)

Magenta (64%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 39.905, 96.639 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, 39.905, 96.639 by changing the saturation by 10% instead.

■ 39, 39.905, 96.639

■ 39, 39.905, 96.639

■ 100, 39.905,
96.639

■ 29, 39.905, 96.639

■ 59, 39.905, 96.639

■ 19, 39.905, 96.639

■ 69, 39.905, 96.639

■ 9, 39.905, 96.639

■ 79, 39.905, 96.639

■ 0, 39.905, 96.639

■ 89, 39.905, 96.639

■ 99, 39.905, 96.639

■ 39, 39.905, 96.639

■ 39, 39.905, 96.639

■ 39, 42.973, 95.718

■ 39, 35.915, 97.606

■ 38, 45.502, 94.835

■ 40, 31.300, 98.608

■ 38, 45.774, 94.752

■ 40, 26.298, 99.635

■ 41, 21.068,
100.675

■ 42, 15.716,
101.717

■ 42, 10.308,
102.749

■ 43, 4.883, 103.757

■ 43, 0.535, 284.898

■ 44, 5.929, 285.736

Harmonies

Complementary

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



39, 39.905, 96.639



16, 48.815, 298.681

Rectangle

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



39, 39.905, 96.639



39, 39.905, 146.639



39, 39.905, 276.639



39, 39.905, 326.639

Sweetspot

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



39, 39.905, 96.642



54, 16.066, 102.168



22, 39.184, 22.633



27, 10.945, 101.905



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



39, 39.905, 96.642



49, 53.739, 94.945



40, 46.141, 121.272



21, 3.026, 103.768



43, 49.537, 94.635



85, 85.533, 94.077

Inverse Universe

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



16, 48.815, 298.681



17, 72.672, 303.075



17, 54.130, 309.195



19, 3.071, 285.615



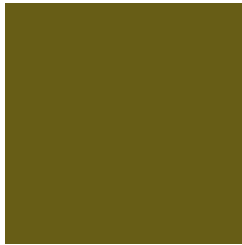
13, 67.608, 303.647



33, 122.063, 304.808

Previews

White Background



This preview shows how the CIELCh color 39, 39.905, 96.639 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, 39.905, 96.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

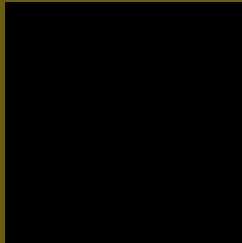
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 39.905, 96.639

Background



This preview shows how black text looks on a background with the CIELCh color 39, 39.905, 96.639.



This preview shows how white text looks on a background with the CIELCh color 39, 39.905, 96.639.

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, 39.905, 96.639

Protanopia

39, 39.952, 95.855

Deuteranopia

39, 39.394, 82.126



Tritanopia
39, 10.346, 356.631

Trichromacy



Original Color
39, 39.905, 96.639

Protanomaly
39, 39.952, 95.855

Deuteranomaly
39, 39.266, 87.493

Tritanomaly
39, 15.470, 74.995

Monochromacy



Original Color
39, 39.905, 96.639

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 15.951, 100.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 39.905, 96.639 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(103, 93, 22)` looks like.

```
.text, #text, p{  
    color:rgb(103, 93, 22)  
}
```

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(103, 93, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 93, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 39.905, 96.639 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(103, 93, 22) }
```

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

```
.border{ border-color:rgb(103, 93, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 93, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 93, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 93, 22);  
box-shadow:4px 4px 4px 4px rgb(103, 93,  
22) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 39.905, 96.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 93, 22) }
```

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

```
.background{ background-color: rgb(103, 93,  
22) }
```

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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