

Converting Colors

CIELCh(39, 12.896, 359.548)

Have a look what the booklet for
CIELCh(39, 12.896, 359.548)
contains.

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Color

CIELCh(39, 13.002, 359.444)

Conversions

Conversions Part 1	
Format	Color
Hex	70545C
RGB	112, 84, 92
RGB Percent	44%, 33%, 36%
CMY	0.5591, 0.6689, 0.6376
CMYK	0.00, 0.25, 0.18, 0.56
HSL	343°, 14%, 39%
HSV	343°, 25%, 44%
XYZ	11.8909, 10.6589, 11.6522
YIQ	93.2840, 14.1200, 8.4240

Conversions

Conversions Part 2

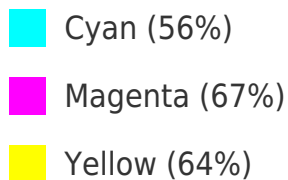
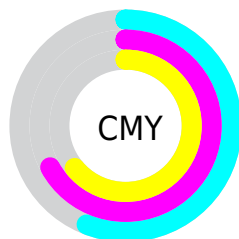
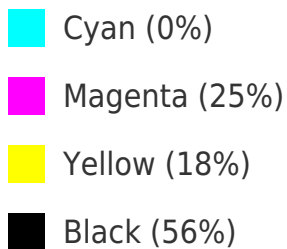
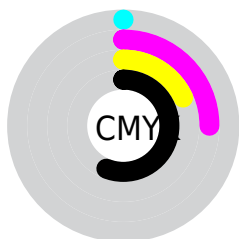
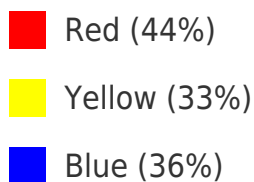
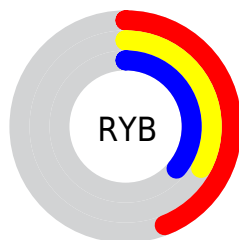
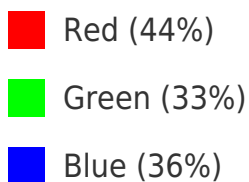
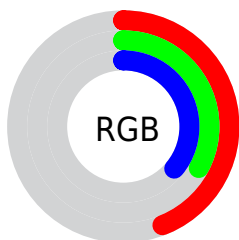
Format	Color
RYB	112, 84, 92
Decimal	7361628
CIELab	39.00, 13.00, -0.13
CIELCh	39, 13.002, 359.444
Yxy	10.6589, 0.3477, 0.3116
Android (android.graphics.Color)	4285551708 (0xFF70545C)
YUV	93.2840, -0.6330, 16.4139
Hunter-Lab	32.6480, 7.8783, 1.6929

Details

The CIELCh color $39, 13.002, 359.444$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 12.090, 174.714$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 12.762, 0.105$, and $19, 12.955, 1.315$ is the 20% darker color. If you saturate the color by 10%, you get $36, 18.483, 0.755$, and if you desaturate by 10%, it is $42, 7.644, 358.322$.


Distribution




Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 13.002, 359.444 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, 13.002, 359.444 by changing the saturation by 10% instead.

 39, 13.002,
359.444

 39, 13.002,
359.444

 100, 13.002,
359.444

 29, 13.002,
359.444

 59, 13.002,
359.444


 19, 13.002,
359.444

 69, 13.002,
359.444

 9, 13.002, 359.444

 79, 13.002,
359.444

 0, 13.002, 359.444

 89, 13.002,
359.444

 99, 13.002,
359.444

39, 13.002,
359.444

39, 13.002,
359.444

36, 18.483, 0.755

42, 7.644, 358.322

33, 23.993, 2.310

46, 2.472, 357.273

30, 29.382, 4.200

49, 2.488, 176.682

28, 34.450, 6.536

53, 7.229, 175.845

25, 38.978, 9.457

56, 11.754,
175.151

24, 42.784, 13.108

60, 16.074,
174.530

23, 45.905, 17.477

22, 47.576, 19.600

63, 20.205,
173.966

67, 24.162,
173.449

70, 27.960,

Harmonies

Complementary

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



39, 13.002, 359.444



45, 12.090, 174.714

Rectangle

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



39, 13.002, 359.444



39, 13.002, 49.444



39, 13.002, 179.444



39, 13.002, 229.444

Sweetspot

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



39, 13.000, 359.448



57, 4.358, 357.520



39, 18.916, 316.737



29, 2.856, 357.560



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



39, 13.000, 359.448



48, 19.491, 0.186



40, 10.608, 39.169



22, 2.842, 357.708



24, 49.897, 20.033



52, 86.898, 23.545

Inverse Universe

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



39, 13.000, 359.448



48, 19.491, 0.186



44, 9.053, 220.449



22, 2.842, 357.708



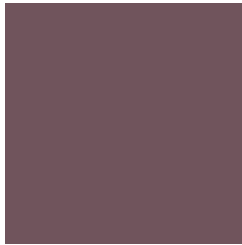
24, 49.897, 20.033



52, 86.898, 23.545

Previews

White Background



This preview shows how the CIE LCh color 39, 13.002, 359.444 looks on a white background.

Color Contrast Check

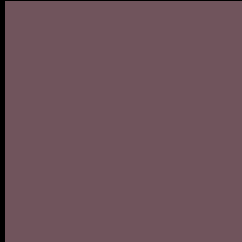
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.002, 359.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

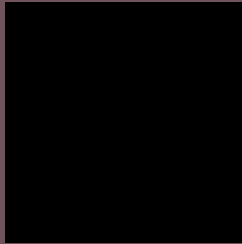
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 13.002, 359.444

Background



This preview shows how black text looks on a background with the CIELCh color 39, 13.002, 359.444.



This preview shows how white text looks on a background with the CIELCh color 39, 13.002, 359.444.

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, 13.002, 359.444

Protanopia

39, 3.062, 290.665

Deuteranopia

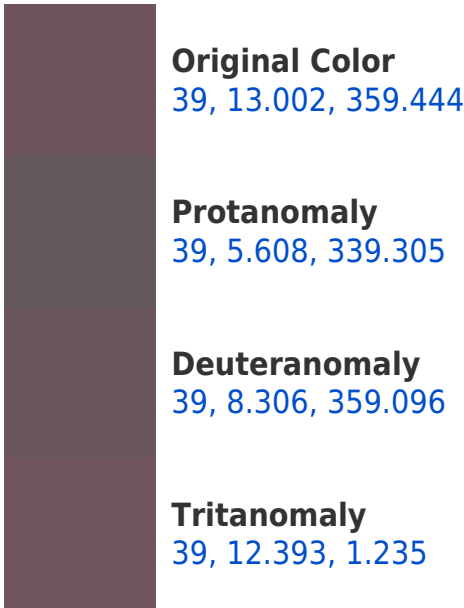
39, 5.450, 0.536



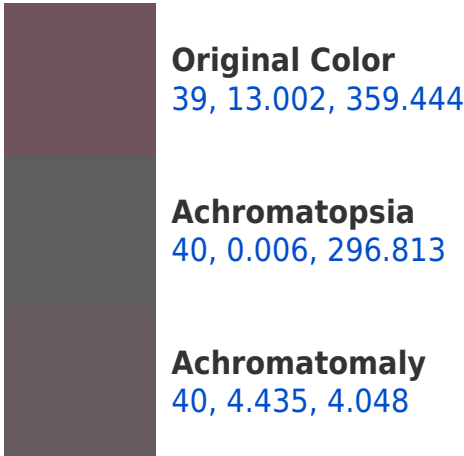
Tritanopia

39, 12.242, 3.954

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 13.002, 359.444 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(112, 84, 92)` looks like.

```
.text, #text, p{  
    color:rgb(112, 84, 92)  
}
```

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(112, 84, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 84, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 13.002, 359.444 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(112, 84, 92) }
```

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

```
.border{ border-color:rgb(112, 84, 92) }
```

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

Here you see how a box with a 4 pixel rgb(112, 84, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 84, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 84, 92);  
box-shadow:4px 4px 4px 4px rgb(112, 84,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 13.002, 359.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 84, 92) }
```

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

```
.background{ background-color: rgb(112, 84,  
92) }
```

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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