

Converting Colors

CIELCh(39, 58.868, 56.351)

Have a look what the booklet for
CIELCh(39, 58.868, 56.351) contains.

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Color

CIELCh(39, 59.025, 56.408)

Conversions

Conversions Part 1	
Format	Color
Hex	984301
RGB	152, 67, 1
RGB Percent	60%, 26%, 0%
CMY	0.4046, 0.7378, 0.9966
CMYK	0.00, 0.56, 0.99, 0.40
HSL	26°, 99%, 30%
HSV	26°, 99%, 60%
XYZ	14.9210, 10.6589, 1.2956
YIQ	84.8910, 71.8460, -2.5060

Conversions

Conversions Part 2

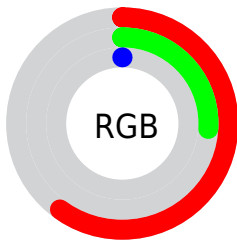
Format	Color
RYB	152, 118, 1
Decimal	9978625
CIELab	39.00, 32.66, 49.17
CIELCh	39, 59.025, 56.408
Yxy	10.6589, 0.5552, 0.3966
Android (android.graphics.Color)	4288168705 (0xFF984301)
YUV	84.8910, -41.3583, 58.8546
Hunter-Lab	32.6480, 24.4449, 20.5008

Details

The CIELCh color **39, 59.025, 56.408** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **36, 42.363, 276.126**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 59.218, 56.253**, and **19, 43.665, 41.267** is the 20% darker color. If you saturate the color by 10%, you get **39, 59.348, 56.343**, and if you desaturate by 10%, it is **41, 53.831, 58.213**.

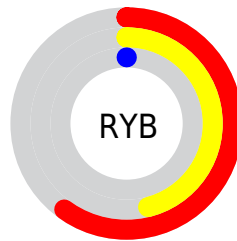
Distribution



Red (60%)

Green (26%)

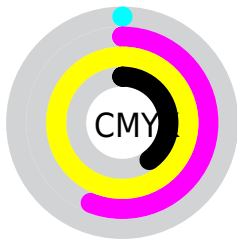
Blue (0%)



Red (60%)

Yellow (46%)

Blue (0%)

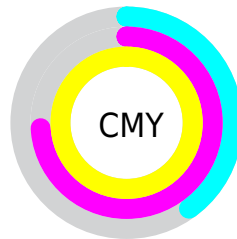


Cyan (0%)

Magenta (56%)

Yellow (99%)

Black (40%)



Cyan (40%)

Magenta (74%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 59.025, 56.408 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, 59.025, 56.408 by changing the saturation by 10% instead.

 39, 59.025, 56.408

 39, 59.025, 56.408

 100, 59.025,
56.408

 29, 59.025, 56.408

 59, 59.025, 56.408

 19, 59.025, 56.408

 69, 59.025, 56.408

 9, 59.025, 56.408

 79, 59.025, 56.408

 0, 59.025, 56.408

 89, 59.025, 56.408

 99, 59.025, 56.408

 39, 59.025, 56.408

 39, 59.025, 56.408

 39, 59.348, 56.343

 41, 53.831, 58.213

 43, 47.811, 59.739

 45, 41.181, 60.924

 47, 34.461, 61.984

 50, 27.911, 63.017

 52, 21.643, 64.060

 55, 15.696, 65.119

 58, 10.072, 66.188

 60, 4.754, 67.237

Harmonies

Complementary

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



39, 59.025, 56.408



36, 42.363, 276.126

Rectangle

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



39, 59.025, 56.408



39, 59.025, 106.408



39, 59.025, 236.408



39, 59.025, 286.408

Sweetspot

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



39, 59.023, 56.410



69, 19.794, 64.996



33, 58.631, 355.079



35, 13.765, 64.584



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



39, 59.023, 56.410



50, 72.177, 55.550



58, 62.641, 98.529



31, 2.865, 67.257



36, 55.902, 56.628



2, 3.021, 67.462

Inverse Universe

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



36, 42.363, 276.126



46, 52.407, 277.404



18, 87.339, 305.218



31, 2.780, 249.482



33, 39.947, 275.995



2, 3.048, 249.438

Previews

White Background



This preview shows how the CIELCh color 39, 59.025, 56.408 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, 59.025, 56.408 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, 59.025, 56.408

Background



This preview shows how black text looks on a background with the CIELCh color 39, 59.025, 56.408.



This preview shows how white text looks on a background with the CIELCh color 39, 59.025, 56.408.

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, 59.025, 56.408

Protanopia

39, 42.890, 95.304

Deuteranopia

39, 47.334, 84.492

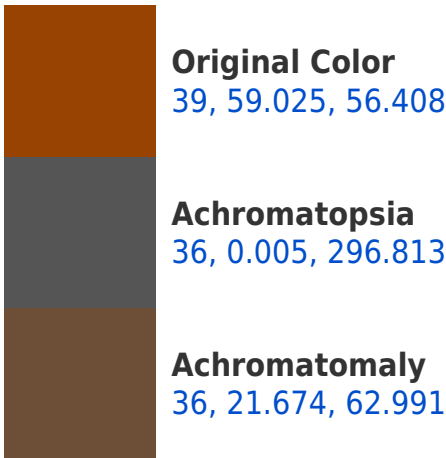


Tritanopia
39, 42.510, 24.027

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 39, 59.025, 56.408 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(152, 67, 1)` looks like.

```
.text, #text, p{  
    color:rgb(152, 67, 1)  
}
```

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(152, 67, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 67, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 59.025, 56.408 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(152, 67, 1) }
```

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

```
.border{ border-color:rgb(152, 67, 1) }
```

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

Here you see how a box with a 4 pixel rgb(152, 67, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 67, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 67, 1);  
box-shadow:4px 4px 4px 4px rgb(152, 67, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 59.025, 56.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 67, 1) }
```

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

```
.background{ background-color: rgb(152, 67,  
1) }
```

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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