

Converting Colors

CIELCh(39, 66.259, 49.476)

Have a look what the booklet for
CIELCh(39, 66.259, 49.476) contains.

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Color

CIELCh(39, 66.183, 49.354)

Conversions

Conversions Part 1

Format	Color
Hex	A43701
RGB	164, 55, 1
RGB Percent	64%, 22%, 0%
CMY	0.3562, 0.7837, 0.9956
CMYK	0.00, 0.66, 0.99, 0.36
HSL	20°, 99%, 32%
HSV	20°, 99%, 64%
XYZ	16.7239, 10.6589, 1.2084
YIQ	81.4350, 82.2980, 6.3140

Conversions

Conversions Part 2

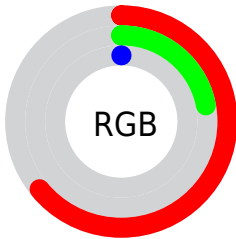
Format	Color
RYB	164, 82, 1
Decimal	10761985
CIELab	39.00, 43.11, 50.22
CIELCh	39, 66.183, 49.354
Yxy	10.6589, 0.5849, 0.3728
Android (android.graphics.Color)	4288952065 (0xFFA43701)
YUV	81.4350, -39.6545, 72.4095
Hunter-Lab	32.6480, 34.3022, 20.6592

Details

The CIELCh color **39, 66.183, 49.354** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **44, 36.769, 260.909**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 66.078, 49.336**, and **20, 51.361, 36.210** is the 20% darker color. If you saturate the color by 10%, you get **39, 66.641, 49.338**, and if you desaturate by 10%, it is **41, 59.954, 50.357**.

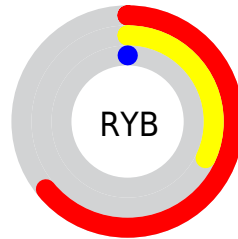
Distribution



Red (64%)

Green (22%)

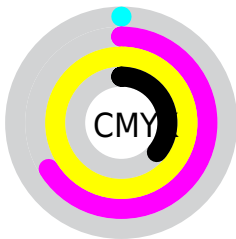
Blue (0%)



Red (64%)

Yellow (32%)

Blue (0%)

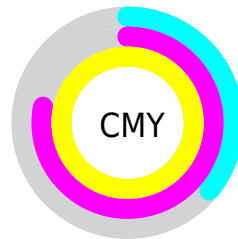


Cyan (0%)

Magenta (66%)

Yellow (99%)

Black (36%)



Cyan (36%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 66.183, 49.354 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, 66.183, 49.354 by changing the saturation by 10% instead.

■ 39, 66.183, 49.354

■ 39, 66.183, 49.354

■ 100, 66.183,
49.354

■ 29, 66.183, 49.354

■ 59, 66.183, 49.354

■ 19, 66.183, 49.354

■ 69, 66.183, 49.354

■ 9, 66.183, 49.354

■ 79, 66.183, 49.354

■ 0, 66.183, 49.354

■ 89, 66.183, 49.354

■ 99, 66.183, 49.354

■ 39, 66.183, 49.354

■ 39, 66.183, 49.354

■ 39, 66.641, 49.338

■ 41, 59.954, 50.357

■ 43, 52.722, 51.032

■ 46, 44.980, 51.425

■ 49, 37.302, 51.783

■ 51, 29.947, 52.204

■ 55, 23.018, 52.713

■ 58, 16.543, 53.307

■ 61, 10.510, 53.967

■ 64, 4.890, 54.650

Harmonies

Complementary

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



39, 66.183, 49.354



44, 36.769, 260.909

Rectangle

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



39, 66.183, 49.354



39, 66.183, 99.354



39, 66.183, 229.354



39, 66.183, 279.354

Sweetspot

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



39, 66.181, 49.356



73, 21.122, 53.229



36, 65.755, 345.790



37, 14.598, 52.986



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



39, 66.181, 49.356



50, 81.787, 48.672



57, 61.838, 89.532



33, 2.956, 54.654



34, 60.710, 49.697



2, 4.479, 51.568

Inverse Universe

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



44, 36.769, 260.909



57, 45.527, 262.282



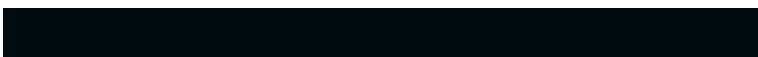
23, 84.513, 302.598



33, 2.826, 236.335



39, 33.590, 260.652



3, 4.520, 242.564

Previews

White Background



This preview shows how the CIELCh color 39, 66.183, 49.354 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, 66.183, 49.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

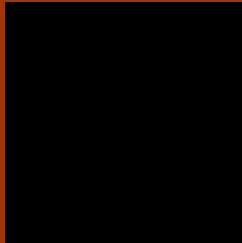
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 66.183, 49.354

Background



This preview shows how black text looks on a background with the CIELCh color 39, 66.183, 49.354.



This preview shows how white text looks on a background with the CIELCh color 39, 66.183, 49.354.

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, 66.183, 49.354

Protanopia

39, 41.912, 95.277

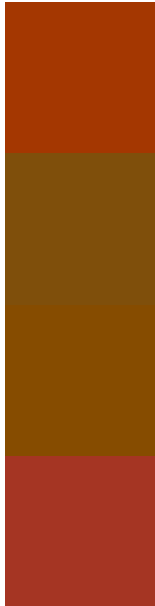
Deuteranopia

39, 47.334, 84.492



Tritanopia
39, 53.079, 28.048

Trichromacy



Original Color
39, 66.183, 49.354

Protanomaly
38, 46.147, 71.018

Deuteranomaly
38, 51.550, 67.415

Tritanomaly
39, 57.822, 38.741

Monochromacy



Original Color
39, 66.183, 49.354

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 23.578, 51.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 66.183, 49.354 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(164, 55, 1)` looks like.

```
.text, #text, p{  
    color:rgb(164, 55, 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(164, 55, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 55, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 66.183, 49.354 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(164, 55, 1) }
```

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

```
.border{ border-color:rgb(164, 55, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 55, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 55, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 55, 1);  
box-shadow:4px 4px 4px 4px rgb(164, 55, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 66.183, 49.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 55, 1) }
```

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

```
.background{ background-color: rgb(164, 55,  
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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