

Converting Colors

CIELCh(39, 38.582, 64.717)

Have a look what the booklet for
CIELCh(39, 38.582, 64.717) contains.

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Color

CIELCh(39, 38.670, 64.385)

Conversions

Conversions Part 1

Format	Color
Hex	825022
RGB	130, 80, 34
RGB Percent	51%, 31%, 13%
CMY	0.4891, 0.6853, 0.8657
CMYK	0.00, 0.38, 0.74, 0.49
HSL	29°, 58%, 32%
HSV	29°, 74%, 51%
XYZ	12.4290, 10.6589, 2.9337
YIQ	89.7060, 44.5660, -3.7060

Conversions

Conversions Part 2

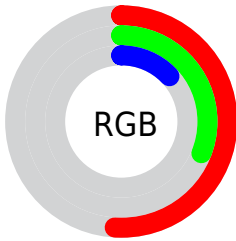
Format	Color
RYB	130, 122, 34
Decimal	8540194
CIELab	39.00, 16.72, 34.87
CIELCh	39, 38.670, 64.385
Yxy	10.6589, 0.4776, 0.4096
Android (android.graphics.Color)	4286730274 (0xFF825022)
YUV	89.7060, -27.4631, 35.3378
Hunter-Lab	32.6480, 10.8202, 17.5259

Details

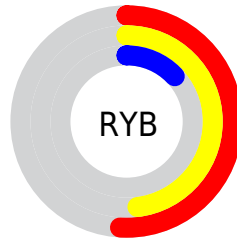
The CIELCh color **39, 38.670, 64.385** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **35, 30.687, 269.558**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 38.798, 63.715**, and **19, 32.575, 58.712** is the 20% darker color. If you saturate the color by 10%, you get **37, 44.155, 62.925**, and if you desaturate by 10%, it is **41, 32.909, 65.657**.

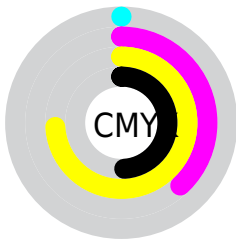
Distribution



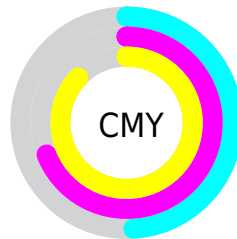
- Red (51%)
- Green (31%)
- Blue (13%)



- Red (51%)
- Yellow (48%)
- Blue (13%)



- Cyan (0%)
- Magenta (38%)
- Yellow (74%)
- Black (49%)



- Cyan (49%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 38.670, 64.385 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, 38.670, 64.385 by changing the saturation by 10% instead.

■ 39, 38.670, 64.385

■ 39, 38.670, 64.385

■ 100, 38.670,
64.385

■ 29, 38.670, 64.385

■ 59, 38.670, 64.385

■ 19, 38.670, 64.385

■ 69, 38.670, 64.385

■ 9, 38.670, 64.385

■ 79, 38.670, 64.385

■ 0, 38.670, 64.385

■ 89, 38.670, 64.385

■ 99, 38.670, 64.385

■ 39, 38.670, 64.385

■ 39, 38.670, 64.385

■ 37, 44.155, 62.925

■ 41, 32.909, 65.657

36, 48.860, 61.048

43, 27.170, 66.852

35, 51.922, 60.099

45, 21.598, 68.024

47, 16.254, 69.191

49, 11.154, 70.354

51, 6.296, 71.498

54, 1.664, 72.525

56, 2.761, 253.926

58, 6.999, 254.967

Harmonies

Complementary

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



39, 38.670, 64.385



35, 30.687, 269.558

Rectangle

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



39, 38.670, 64.385



39, 38.670, 114.385



39, 38.670, 244.385



39, 38.670, 294.385

Sweetspot

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



39, 38.669, 64.388



63, 12.715, 70.495



31, 45.865, 350.615



32, 8.549, 70.242



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



39, 38.669, 64.388



47, 56.932, 61.811



52, 49.053, 102.148



27, 2.596, 72.004



34, 51.852, 60.106



0, 0.611, 73.110

Inverse Universe

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



35, 30.687, 269.558



41, 44.523, 276.213



21, 61.106, 301.038



26, 2.537, 254.299



29, 40.845, 280.439



0, 0.611, 253.124

Previews

White Background



This preview shows how the CIELCh color 39, 38.670, 64.385 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, 38.670, 64.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

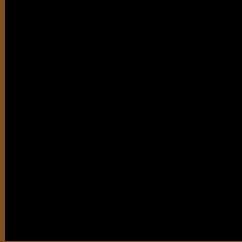
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 38.670, 64.385

Background



This preview shows how black text looks on a background with the CIELCh color 39, 38.670, 64.385.



This preview shows how white text looks on a background with the CIELCh color 39, 38.670, 64.385.

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, 38.670, 64.385

Protanopia

39, 32.167, 95.326

Deuteranopia

39, 35.849, 82.391



Tritanopia
39, 26.275, 15.922

Trichromacy



Original Color
39, 38.670, 64.385

Protanomaly
39, 33.002, 82.830

Deuteranomaly
39, 36.410, 74.915

Tritanomaly
39, 27.995, 39.075

Monochromacy



Original Color
39, 38.670, 64.385

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 13.314, 66.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 38.670, 64.385 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(130, 80, 34)` looks like.

```
.text, #text, p{  
    color:rgb(130, 80, 34)  
}
```

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(130, 80, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 80, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 38.670, 64.385 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(130, 80, 34) }
```

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

```
.border{ border-color:rgb(130, 80, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 80, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 80, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 80, 34);  
box-shadow:4px 4px 4px 4px rgb(130, 80,  
34) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 38.670, 64.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 80, 34) }
```

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

```
.background{ background-color: rgb(130, 80,  
34) }
```

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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