

Converting Colors

CIELCh(39, 65.435, 38.214)

Have a look what the booklet for
CIELCh(39, 65.435, 38.214) contains.

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Color

CIELCh(39, 65.435, 38.214)

Conversions

Conversions Part 1

Format	Color
Hex	AD2B1C
RGB	173, 43, 28
RGB Percent	68%, 17%, 11%
CMY	0.3223, 0.8321, 0.8907
CMYK	0.00, 0.75, 0.84, 0.32
HSL	6°, 72%, 39%
HSV	6°, 84%, 68%
XYZ	18.2550, 10.6589, 2.1850
YIQ	80.1600, 82.2950, 22.8950

Conversions

Conversions Part 2

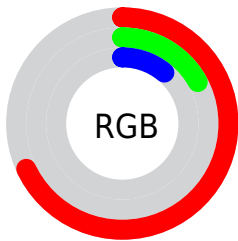
Format	Color
RYB	173, 45, 28
Decimal	11348764
CIELab	39.00, 51.41, 40.48
CIElCh	39, 65.435, 38.214
Yxy	10.6589, 0.5870, 0.3427
Android (android.graphics.Color)	4289538844 (0xFFAD2B1C)
YUV	80.1600, -25.7149, 81.4207
Hunter-Lab	32.6480, 42.6736, 18.8855

Details

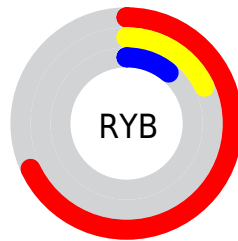
The CIELCh color **39, 65.435, 38.214** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **60, 32.351, 212.189**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 65.113, 38.327**, and **22, 54.749, 37.089** is the 20% darker color. If you saturate the color by 10%, you get **37, 72.710, 40.074**, and if you desaturate by 10%, it is **41, 56.865, 36.047**.

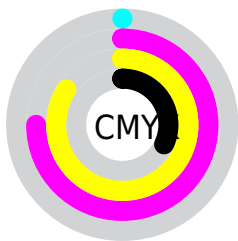
Distribution



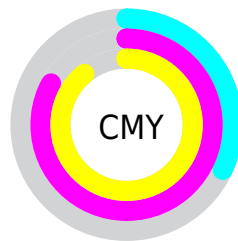
- Red (68%)
- Green (17%)
- Blue (11%)



- Red (68%)
- Yellow (18%)
- Blue (11%)



- Cyan (0%)
- Magenta (75%)
- Yellow (84%)
- Black (32%)



- Cyan (32%)
- Magenta (83%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 65.435, 38.214 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, 65.435, 38.214 by changing the saturation by 10% instead.

■ 39, 65.435, 38.214

■ 39, 65.435, 38.214

■ 100, 65.435,
38.214

■ 29, 65.435, 38.214

■ 59, 65.435, 38.214

■ 19, 65.435, 38.214

■ 69, 65.435, 38.214

■ 9, 65.435, 38.214

■ 79, 65.435, 38.214

■ 0, 65.435, 38.214

■ 89, 65.435, 38.214

■ 99, 65.435, 38.214

■ 39, 65.435, 38.214

■ 39, 65.435, 38.214

■ 37, 72.710, 40.074

■ 41, 56.865, 36.047

37, 76.491, 41.282

44, 47.972, 34.090

48, 39.204, 32.501

52, 30.793, 31.281

56, 22.866, 30.377

60, 15.477, 29.722

64, 8.634, 29.251

69, 2.316, 28.800

73, 3.516, 208.977

Harmonies

Complementary

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



39, 65.435, 38.214



60, 32.351, 212.189

Rectangle

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



39, 65.435, 38.214



39, 65.435, 88.214



39, 65.435, 218.214



39, 65.435, 268.214

Sweetspot

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



39, 65.433, 38.216



75, 20.169, 29.811



41, 76.428, 331.875



38, 13.934, 30.019



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



39, 65.433, 38.216



48, 93.365, 41.052



53, 55.386, 73.340



34, 3.467, 29.071



32, 68.526, 41.108



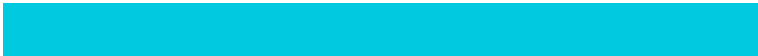
2, 7.196, 27.031

Inverse Universe

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



60, 32.351, 212.189



74, 40.390, 215.104



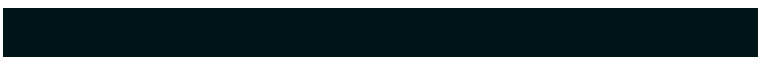
38, 53.726, 285.965



36, 3.267, 208.875



51, 30.074, 214.510



5, 6.839, 213.528

Previews

White Background



This preview shows how the CIELCh color 39, 65.435, 38.214 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, 65.435, 38.214 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, 65.435, 38.214

Background



This preview shows how black text looks on a background with the CIELCh color 39, 65.435, 38.214.



This preview shows how white text looks on a background with the CIELCh color 39, 65.435, 38.214.

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, 65.435, 38.214

Protanopia

39, 31.006, 96.153

Deuteranopia

39, 44.750, 83.224



Tritanopia
39, 61.848, 31.795

Trichromacy



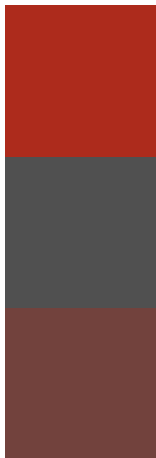
Original Color
39, 65.435, 38.214

Protanomaly
37, 37.233, 59.558

Deuteranomaly
38, 48.961, 60.325

Tritanomaly
39, 63.025, 34.339

Monochromacy



Original Color
39, 65.435, 38.214

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 23.451, 30.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 65.435, 38.214 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(173, 43, 28)` looks like.

```
.text, #text, p{  
    color:rgb(173, 43, 28)  
}
```

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(173, 43, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 43, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 65.435, 38.214 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(173, 43, 28) }
```

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

```
.border{ border-color:rgb(173, 43, 28) }
```

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

Here you see how a box with a 4 pixel rgb(173, 43, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 43, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 43, 28);  
box-shadow:4px 4px 4px 4px rgb(173, 43,  
28) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 65.435, 38.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 43, 28) }
```

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

```
.background{ background-color: rgb(173, 43,  
28) }
```

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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