

Converting Colors

CIELCh(39, 76.509, 37.152)

Have a look what the booklet for
CIELCh(39, 76.509, 37.152) contains.

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Color

CIELCh(39, 76.374, 37.138)

Conversions

Conversions Part 1

Format	Color
Hex	B81112
RGB	184, 17, 18
RGB Percent	72%, 7%, 7%
CMY	0.2779, 0.9323, 0.9290
CMYK	0.00, 0.91, 0.90, 0.28
HSL	360°, 83%, 39%
HSV	360°, 91%, 72%
XYZ	20.1128, 10.6589, 1.5737
YIQ	67.0470, 99.2110, 35.7150

Conversions

Conversions Part 2

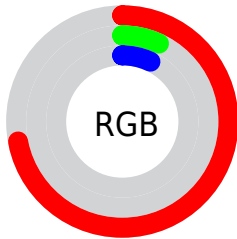
Format	Color
RYB	184, 17, 18
Decimal	12062994
CIELab	39.00, 60.88, 46.11
CIELCh	39, 76.374, 37.138
Yxy	10.6589, 0.6218, 0.3295
Android (android.graphics.Color)	4290253074 (0xFFB81112)
YUV	67.0470, -24.1802, 102.5678
Hunter-Lab	32.6480, 52.8306, 19.9957

Details

The CIELCh color **39, 76.374, 37.138** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **68, 38.754, 195.729**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 76.229, 37.301**, and **24, 58.472, 37.881** is the 20% darker color. If you saturate the color by 10%, you get **38, 81.648, 39.791**, and if you desaturate by 10%, it is **41, 68.864, 33.628**.

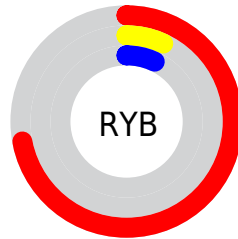
Distribution



Red (72%)

Green (7%)

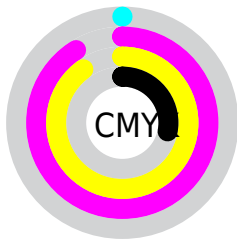
Blue (7%)



Red (72%)

Yellow (7%)

Blue (7%)

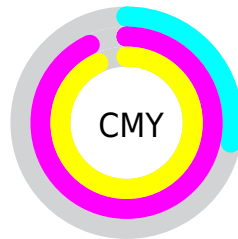


Cyan (0%)

Magenta (91%)

Yellow (90%)

Black (28%)



Cyan (28%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 76.374, 37.138 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, 76.374, 37.138 by changing the saturation by 10% instead.

■ 39, 76.374, 37.138

■ 39, 76.374, 37.138

■ 100, 76.374,
37.138

■ 29, 76.374, 37.138

■ 59, 76.374, 37.138

■ 19, 76.374, 37.138

■ 69, 76.374, 37.138

■ 9, 76.374, 37.138

■ 79, 76.374, 37.138

■ 0, 76.374, 37.138

■ 89, 76.374, 37.138

■ 99, 76.374, 37.138

■ 39, 76.374, 37.138

■ 39, 76.374, 37.138

■ 38, 81.648, 39.791

■ 41, 68.864, 33.628

43, 60.106, 30.146

46, 50.840, 27.180

50, 41.471, 24.815

54, 32.296, 22.982

59, 23.518, 21.572

64, 15.258, 20.482

69, 7.562, 19.614

74, 0.428, 17.821

Harmonies

Complementary

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



39, 76.374, 37.138



68, 38.754, 195.729

Rectangle

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



39, 76.374, 37.138



39, 76.374, 87.138



39, 76.374, 217.138



39, 76.374, 267.138

Sweetspot

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



39, 76.371, 37.140



77, 25.394, 21.197



44, 88.535, 327.547



39, 17.314, 21.598



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



39, 76.371, 37.140



50, 99.582, 39.850



51, 62.619, 61.486



36, 4.003, 19.511



32, 71.679, 39.400



2, 10.639, 19.101

Inverse Universe

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



39, 76.371, 37.140



50, 99.582, 39.850



43, 49.642, 278.144



36, 4.003, 19.511



32, 71.679, 39.400



2, 10.639, 19.101

Previews

White Background



This preview shows how the CIELCh color 39, 76.374, 37.138 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, 76.374, 37.138 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, 76.374, 37.138

Background



This preview shows how black text looks on a background with the CIELCh color 39, 76.374, 37.138.



This preview shows how white text looks on a background with the CIELCh color 39, 76.374, 37.138.

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, 76.374, 37.138

Protanopia

40, 35.114, 95.734

Deuteranopia

40, 47.653, 84.655



Tritanopia
39, 78.100, 39.088

Trichromacy



Original Color
39, 76.374, 37.138

Protanomaly
36, 43.937, 53.255

Deuteranomaly
37, 54.303, 55.547

Tritanomaly
39, 77.462, 38.461

Monochromacy



Original Color
39, 76.374, 37.138

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 30.042, 25.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 76.374, 37.138 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(184, 17, 18)` looks like.

```
.text, #text, p{  
    color:rgb(184, 17, 18)  
}
```

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(184, 17, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 17, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 76.374, 37.138 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(184, 17, 18) }
```

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

```
.border{ border-color:rgb(184, 17, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 17, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 17, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 17, 18);  
box-shadow:4px 4px 4px 4px rgb(184, 17,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 76.374, 37.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 17, 18) }
```

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

```
.background{ background-color: rgb(184, 17,  
18) }
```

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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