

Converting Colors

CIELCh(34, 74.361, 39.748)

Have a look what the booklet for
CIELCh(34, 74.361, 39.748) contains.

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Color

CIELCh(34, 74.345, 39.868)

Conversions

Conversions Part 1

Format	Color
Hex	A40401
RGB	164, 4, 1
RGB Percent	64%, 2%, 0%
CMY	0.3562, 0.9828, 0.9956
CMYK	0.00, 0.97, 0.99, 0.36
HSL	1°, 99%, 32%
HSV	1°, 99%, 64%
XYZ	15.3994, 8.0082, 0.7665
YIQ	51.4980, 96.3230, 32.9870

Conversions

Conversions Part 2

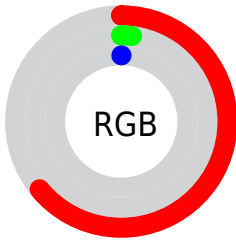
Format	Color
RYB	164, 4, 1
Decimal	10748929
CIELab	34.00, 57.06, 47.66
CIELCh	34, 74.345, 39.868
Yxy	8.0082, 0.6370, 0.3313
Android (android.graphics.Color)	4288939009 (0xFFA40401)
YUV	51.4980, -24.8955, 98.6643
Hunter-Lab	28.2988, 47.6119, 18.2032

Details

The CIELCh color **34, 74.345, 39.868** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **60, 35.018, 199.506**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 74.454, 39.890**, and **19, 50.503, 35.960** is the 20% darker color. If you saturate the color by 10%, you get **34, 74.718, 40.058**, and if you desaturate by 10%, it is **35, 68.708, 37.085**.

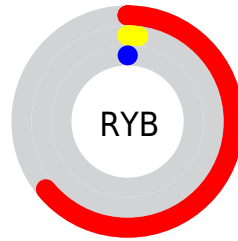
Distribution



Red (64%)

Green (2%)

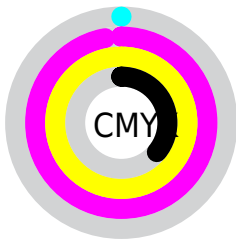
Blue (0%)



Red (64%)

Yellow (2%)

Blue (0%)

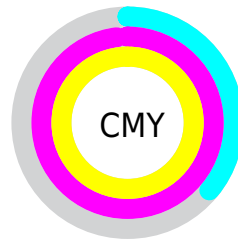


Cyan (0%)

Magenta (97%)

Yellow (99%)

Black (36%)



Cyan (36%)

Magenta (98%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 74.345, 39.868 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 34, 74.345, 39.868 by changing the saturation by 10% instead.

 34, 74.345, 39.868

 34, 74.345, 39.868

 100, 74.345,
39.868

 24, 74.345, 39.868

 54, 74.345, 39.868

 14, 74.345, 39.868

 64, 74.345, 39.868

 4, 74.345, 39.868

 74, 74.345, 39.868

 0, 74.345, 39.868

 84, 74.345, 39.868

 94, 74.345, 39.868

 34, 74.345, 39.868

 34, 74.345, 39.868

 34, 74.718, 40.058

 35, 68.708, 37.085

■ 37, 61.389, 33.865

■ 39, 53.149, 30.763

■ 42, 44.603, 28.151

■ 46, 36.093, 26.077

■ 50, 27.851, 24.473

■ 54, 20.026, 23.244

■ 58, 12.697, 22.299

■ 63, 5.887, 21.543

Harmonies

Complementary

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



34, 74.345, 39.868



60, 35.018, 199.506

Rectangle

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



34, 74.345, 39.868



34, 74.345, 89.868



34, 74.345, 219.868



34, 74.345, 269.868

Sweetspot

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



34, 74.342, 39.870



69, 25.570, 23.381



39, 81.920, 328.889



34, 17.672, 23.847



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



34, 74.342, 39.870



45, 91.421, 40.175



45, 60.487, 62.478



32, 3.558, 21.539



30, 67.788, 39.588



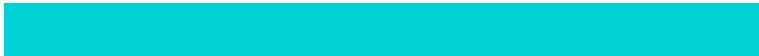
1, 5.365, 20.940

Inverse Universe

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



60, 35.018, 199.506



77, 42.708, 199.582



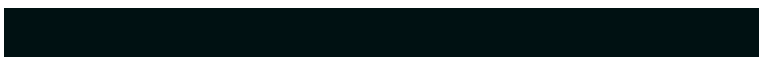
35, 52.837, 284.966



34, 3.359, 200.755



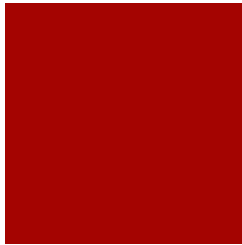
54, 32.070, 199.488



4, 5.319, 201.702

Previews

White Background



This preview shows how the CIELCh color 34, 74.345, 39.868 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 34, 74.345, 39.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

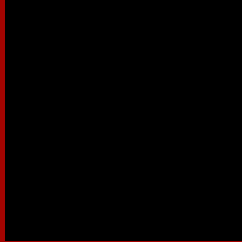
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 74.345, 39.868

Background



This preview shows how black text looks on a background with the CIELCh color 34, 74.345, 39.868.



This preview shows how white text looks on a background with the CIELCh color 34, 74.345, 39.868.

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

34, 74.345, 39.868

Protanopia

35, 35.986, 95.863

Deuteranopia

35, 43.700, 85.412



Tritanopia
34, 73.274, 41.054

Trichromacy



Original Color
34, 74.345, 39.868

Protanomaly
31, 44.488, 54.287

Deuteranomaly
32, 52.105, 55.223

Tritanomaly
34, 73.655, 40.672

Monochromacy



Original Color
34, 74.345, 39.868

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 30.026, 28.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 74.345, 39.868 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, 4, 1)` looks like.

```
.text, #text, p{  
    color:rgb(164, 4, 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, 4, 1) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 34, 74.345, 39.868 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, 4, 1) }
```

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

```
.border{ border-color:rgb(164, 4, 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, 4, 1)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 34, 74.345, 39.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 4, 1) }
```

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

```
.background{ background-color: rgb(164, 4,  
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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