

Converting Colors

CIELCh(39, 73.884, 35.973)

Have a look what the booklet for
CIELCh(39, 73.884, 35.973) contains.

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Color

CIELCh(39, 73.888, 35.874)

Conversions

Conversions Part 1

Format	Color
Hex	B71618
RGB	183, 22, 24
RGB Percent	72%, 9%, 9%
CMY	0.2834, 0.9152, 0.9066
CMYK	0.00, 0.88, 0.87, 0.28
HSL	359°, 79%, 40%
HSV	359°, 88%, 72%
XYZ	19.9085, 10.6589, 1.8622
YIQ	70.3670, 95.3140, 34.7540

Conversions

Conversions Part 2

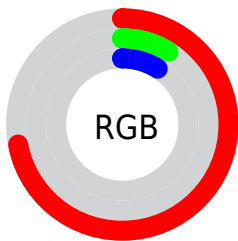
Format	Color
RYB	183, 22, 24
Decimal	11998744
CIELab	39.00, 59.87, 43.30
CIELCh	39, 73.888, 35.874
Yxy	10.6589, 0.6139, 0.3287
Android (android.graphics.Color)	4290188824 (0xFFB71618)
YUV	70.3670, -22.8589, 98.7791
Hunter-Lab	32.6480, 51.7138, 19.4718

Details

The CIELCh color **39, 73.888, 35.874** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **67, 38.515, 194.581**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 73.717, 35.849**, and **24, 58.063, 37.802** is the 20% darker color. If you saturate the color by 10%, you get **38, 79.757, 38.911**, and if you desaturate by 10%, it is **41, 66.045, 32.198**.

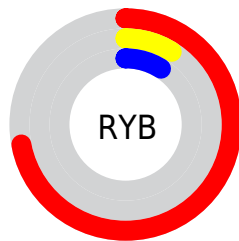
Distribution



Red (72%)

Green (9%)

Blue (9%)



Red (72%)

Yellow (9%)

Blue (9%)

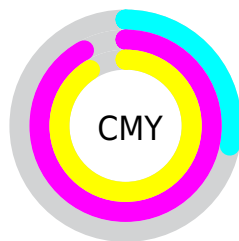


Cyan (0%)

Magenta (88%)

Yellow (87%)

Black (28%)



Cyan (28%)

Magenta (92%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 73.888, 35.874 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, 73.888, 35.874 by changing the saturation by 10% instead.

 39, 73.888, 35.874

 39, 73.888, 35.874

 100, 73.888,
35.874

 29, 73.888, 35.874

 59, 73.888, 35.874

 19, 73.888, 35.874

 69, 73.888, 35.874

 9, 73.888, 35.874

 79, 73.888, 35.874

 0, 73.888, 35.874

 89, 73.888, 35.874

 99, 73.888, 35.874

 39, 73.888, 35.874

 39, 73.888, 35.874

 38, 79.757, 38.911

 41, 66.045, 32.198

38, 80.789, 39.431

43, 57.251, 28.776

47, 48.066, 25.935

51, 38.844, 23.691

55, 29.855, 21.955

60, 21.282, 20.614

65, 13.227, 19.569

70, 5.725, 18.714

75, 1.232, 198.587

Harmonies

Complementary

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



39, 73.888, 35.874



67, 38.515, 194.581

Rectangle

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



39, 73.888, 35.874



39, 73.888, 85.874



39, 73.888, 215.874



39, 73.888, 265.874

Sweetspot

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



39, 73.885, 35.876



77, 24.122, 20.414



44, 87.269, 327.529



39, 16.692, 20.820



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, 73.885, 35.876



50, 98.425, 39.587



51, 60.863, 62.030



36, 4.003, 18.809



32, 71.349, 39.053



2, 10.641, 18.574

Inverse Universe

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



39, 73.885, 35.876



50, 98.425, 39.587



44, 48.060, 277.007



36, 4.003, 18.809



32, 71.349, 39.053



2, 10.641, 18.574

Previews

White Background



This preview shows how the CIELCh color 39, 73.888, 35.874 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, 73.888, 35.874 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, 73.888, 35.874

Background



This preview shows how black text looks on a background with the CIELCh color 39, 73.888, 35.874.



This preview shows how white text looks on a background with the CIELCh color 39, 73.888, 35.874.

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, 73.888, 35.874

Protanopia

40, 32.017, 96.315

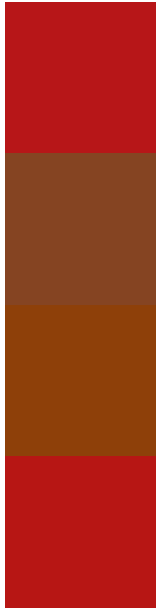
Deuteranopia

40, 47.653, 84.655



Tritanopia
39, 75.460, 37.632

Trichromacy



Original Color
39, 73.888, 35.874

Protanomaly
36, 40.902, 52.289

Deuteranomaly
37, 53.614, 55.685

Tritanomaly
39, 74.949, 37.079

Monochromacy



Original Color
39, 73.888, 35.874

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 28.680, 23.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 73.888, 35.874 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(183, 22, 24)` looks like.

```
.text, #text, p{  
    color:rgb(183, 22, 24)  
}
```

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(183, 22, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 22, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 73.888, 35.874 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(183, 22, 24) }
```

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

```
.border{ border-color:rgb(183, 22, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 22, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 22, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 22, 24);  
box-shadow:4px 4px 4px 4px rgb(183, 22,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 73.888, 35.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 22, 24) }
```

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

```
.background{ background-color: rgb(183, 22,  
24) }
```

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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