

Converting Colors

CIELCh(39, 73.816, 34.242)

Have a look what the booklet for
CIELCh(39, 73.816, 34.242) contains.

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Color

CIELCh(39, 73.995, 34.393)

Conversions

Conversions Part 1

Format	Color
Hex	B8111B
RGB	184, 17, 27
RGB Percent	72%, 7%, 11%
CMY	0.2787, 0.9337, 0.8943
CMYK	0.00, 0.91, 0.85, 0.28
HSL	356°, 83%, 39%
HSV	356°, 91%, 72%
XYZ	20.1483, 10.6589, 2.0298
YIQ	68.0730, 96.3220, 38.5140

Conversions

Conversions Part 2

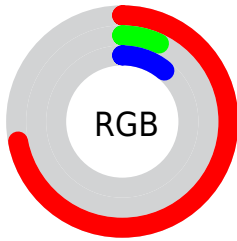
Format	Color
RYB	184, 17, 27
Decimal	12063003
CIELab	39.00, 61.06, 41.80
CIElCh	39, 73.995, 34.393
Yxy	10.6589, 0.6136, 0.3246
Android (android.graphics.Color)	4290253083 (0xFFB8111B)
YUV	68.0730, -20.2490, 101.6680
Hunter-Lab	32.6480, 53.0248, 19.1675

Details

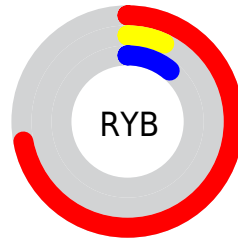
The CIELCh color **39, 73.995, 34.393** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **68, 40.444, 188.284**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 74.047, 34.568**, and **24, 58.472, 37.881** is the 20% darker color. If you saturate the color by 10%, you get **38, 79.294, 37.633**, and if you desaturate by 10%, it is **41, 66.750, 30.255**.

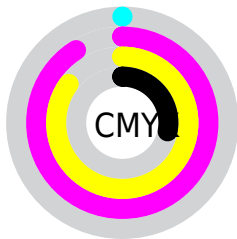
Distribution



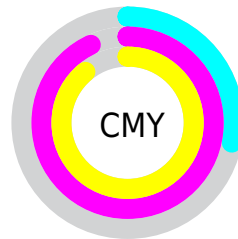
- Red (72%)
- Green (7%)
- Blue (11%)



- Red (72%)
- Yellow (7%)
- Blue (11%)



- Cyan (0%)
- Magenta (91%)
- Yellow (85%)
- Black (28%)



- Cyan (28%)
- Magenta (93%)
- Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 73.995, 34.393 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, 73.995, 34.393 by changing the saturation by 10% instead.

 39, 73.995, 34.393

 39, 73.995, 34.393

 100, 73.995,
34.393

 29, 73.995, 34.393

 59, 73.995, 34.393

 19, 73.995, 34.393

 69, 73.995, 34.393

 9, 73.995, 34.393

 79, 73.995, 34.393

 0, 73.995, 34.393

 89, 73.995, 34.393

 99, 73.995, 34.393

 39, 73.995, 34.393

 39, 73.995, 34.393

 38, 79.294, 37.633

 41, 66.750, 30.255

43, 58.569, 26.474

46, 49.857, 23.339

50, 40.930, 20.849

54, 32.071, 18.902

59, 23.499, 17.378

64, 15.354, 16.169

69, 7.702, 15.181

74, 0.557, 13.556

Harmonies

Complementary

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



39, 73.995, 34.393



68, 40.444, 188.284

Rectangle

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



39, 73.995, 34.393



39, 73.995, 84.393



39, 73.995, 214.393



39, 73.995, 264.393

Sweetspot

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



39, 73.992, 34.395



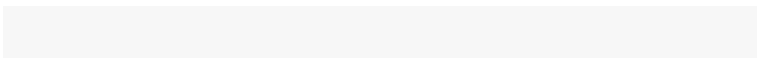
78, 25.264, 16.942



42, 88.663, 325.733



39, 17.200, 17.381



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, 73.992, 34.395



50, 97.420, 38.208



49, 63.768, 57.385



36, 4.011, 15.046



32, 69.623, 37.133



2, 10.669, 15.748

Inverse Universe

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



39, 73.992, 34.395



50, 97.420, 38.208



46, 45.244, 272.330



36, 4.011, 15.046



32, 69.623, 37.133



2, 10.669, 15.748

Previews

White Background



This preview shows how the CIELCh color 39, 73.995, 34.393 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, 73.995, 34.393 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, 73.995, 34.393

Background



This preview shows how black text looks on a background with the CIELCh color 39, 73.995, 34.393.



This preview shows how white text looks on a background with the CIELCh color 39, 73.995, 34.393.

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, 73.995, 34.393

Protanopia

40, 29.913, 96.083

Deuteranopia

40, 47.653, 84.655



Tritanopia
39, 77.356, 38.557

Trichromacy



Original Color
39, 73.995, 34.393

Protanomaly
36, 39.697, 48.373

Deuteranomaly
37, 53.543, 54.915

Tritanomaly
39, 76.273, 37.233

Monochromacy



Original Color
39, 73.995, 34.393

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 29.423, 20.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 73.995, 34.393 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, 27)` looks like.

```
.text, #text, p{  
    color:rgb(184, 17, 27)  
}
```

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, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 17, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 73.995, 34.393 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, 27) }
```

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

```
.border{ border-color:rgb(184, 17, 27) }
```

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, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 17, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 17, 27);  
box-shadow:4px 4px 4px 4px rgb(184, 17,  
27) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 73.995, 34.393 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, 27) }
```

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

```
.background{ background-color: rgb(184, 17,  
27) }
```

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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