

Converting Colors

CIELCh(39, 73.673, 337.750)

Have a look what the booklet for
CIELCh(39, 73.673, 337.750)
contains.

CIELCh(39, 73.802, 337.633)	3
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Color

CIELCh(39, 73.802, 337.633)

Conversions

Conversions Part 1

Format	Color
Hex	AC028B
RGB	172, 2, 139
RGB Percent	67%, 1%, 55%
CMY	0.3263, 0.9904, 0.4556
CMYK	0.00, 0.99, 0.19, 0.33
HSL	312°, 97%, 34%
HSV	312°, 99%, 67%
XYZ	21.6415, 10.6589, 25.2728
YIQ	68.4480, 57.3430, 78.6470

Conversions

Conversions Part 2

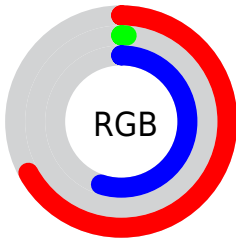
Format	Color
RYB	172, 2, 139
Decimal	11272843
CIELab	39.00, 68.25, -28.08
CIElCh	39, 73.802, 337.633
Yxy	10.6589, 0.3759, 0.1851
Android (android.graphics.Color)	4289462923 (0xFFAC028B)
YUV	68.4480, 34.7821, 90.8151
Hunter-Lab	32.6480, 61.1889, -23.0427

Details

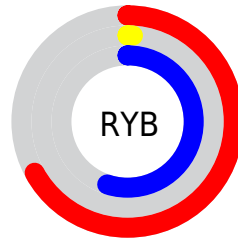
The CIELCh color **39, 73.802, 337.633** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **61, 83.259, 138.724**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 73.983, 337.529**, and **25, 53.972, 339.727** is the 20% darker color. If you saturate the color by 10%, you get **39, 73.951, 337.776**, and if you desaturate by 10%, it is **40, 72.464, 336.650**.

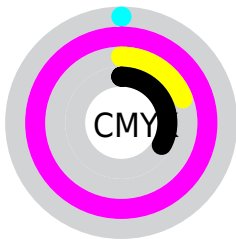
Distribution



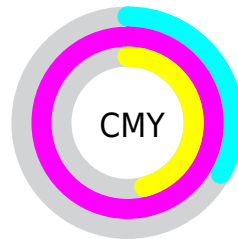
- Red (67%)
- Green (1%)
- Blue (55%)



- Red (67%)
- Yellow (1%)
- Blue (55%)



- Cyan (0%)
- Magenta (99%)
- Yellow (19%)
- Black (33%)





- Cyan (33%)
- Magenta (99%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 73.802, 337.633 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, 73.802, 337.633 by changing the saturation by 10% instead.


 39, 73.802,
337.633


 39, 73.802,
337.633

 100, 73.802,
337.633


 29, 73.802,
337.633

 59, 73.802,
337.633


 19, 73.802,
337.633


 69, 73.802,
337.633

 9, 73.802, 337.633

 79, 73.802,
337.633

 0, 73.802, 337.633

 89, 73.802,
337.633

 99, 73.802,
337.633

■ 39, 73.802,
337.633

■ 39, 73.802,
337.633

■ 39, 73.951,
337.776

■ 40, 72.464,
336.650

■ 41, 69.221,
335.768

■ 44, 63.897,
334.967

■ 46, 56.787,
334.217

■ 50, 48.316,
333.501

■ 53, 38.925,
332.809

■ 58, 28.999,
332.136

■ 62, 18.835,

331.481

■ 66, 8.649, 330.835

Harmonies

Complementary

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



39, 73.802, 337.633



61, 83.259, 138.724

Rectangle

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



39, 73.802, 337.633



39, 73.802, 27.633



39, 73.802, 157.633



39, 73.802, 207.633

Sweetspot

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



39, 73.799, 337.633



73, 37.815, 332.267



21, 97.404, 307.082



36, 25.715, 332.540



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, 73.799, 337.633



51, 90.037, 337.986



36, 64.127, 18.551



34, 5.757, 330.883



34, 67.176, 337.653



2, 11.489, 332.942

Inverse Universe

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



39, 73.799, 337.633



51, 90.037, 337.986



62, 53.143, 160.974



34, 5.757, 330.883



34, 67.176, 337.653



2, 11.489, 332.942

Previews

White Background



This preview shows how the CIELCh color 39, 73.802, 337.633 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 CIE LCh color 39, 73.802, 337.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

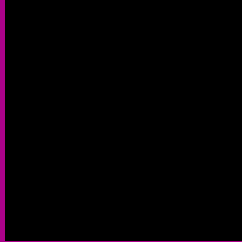
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 73.802, 337.633

Background



This preview shows how black text looks on a background with the CIELCh color 39, 73.802, 337.633.



This preview shows how white text looks on a background with the CIELCh color 39, 73.802, 337.633.

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, 73.926, 337.624

Protanopia

40, 62.161, 286.885

Deuteranopia

40, 22.692, 284.796



Tritanopia
40, 51.058, 27.225

Trichromacy



Original Color
39, 73.926, 337.624



Protanomaly
32, 70.775, 301.177



Deuteranomaly
35, 48.135, 319.571



Tritanomaly
38, 55.386, 3.167

Monochromacy



Original Color
39, 73.926, 337.624



Achromatopsia
29, 0.005, 296.813



Achromatomaly
29, 37.923, 334.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 73.802, 337.633 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(172, 2, 139)` looks like.

```
.text, #text, p{  
    color:rgb(172, 2, 139)  
}
```

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(172, 2, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 2, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 73.802, 337.633 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(172, 2, 139) }
```

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

```
.border{ border-color:rgb(172, 2, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 2, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 2, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 2, 139);  
box-shadow:4px 4px 4px 4px rgb(172, 2,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 73.802, 337.633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 2, 139) }
```

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

```
.background{ background-color: rgb(172, 2,  
139) }
```

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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