

Converting Colors

CIELCh(39, 74.144, 337.962)

Have a look what the booklet for
CIELCh(39, 74.144, 337.962)
contains.

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Color

CIELCh(39, 73.913, 338.238)

Conversions

Conversions Part 1

Format	Color
Hex	AD008A
RGB	173, 0, 138
RGB Percent	68%, 0%, 54%
CMY	0.3228, 1.0000, 0.4599
CMYK	0.00, 1.00, 0.20, 0.32
HSL	312°, 100%, 34%
HSV	312°, 100%, 68%
XYZ	21.7258, 10.6589, 24.8550
YIQ	67.4590, 58.8100, 79.5940

Conversions

Conversions Part 2

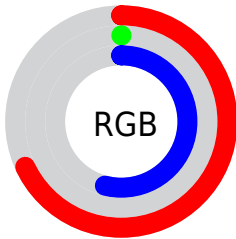
Format	Color
RYB	173, 0, 138
Decimal	11337866
CIELab	39.00, 68.65, -27.40
CIELCh	39, 73.913, 338.238
Yxy	10.6589, 0.3796, 0.1862
Android (android.graphics.Color)	4289527946 (0xFFAD008A)
YUV	67.4590, 34.7767, 92.5595
Hunter-Lab	32.6480, 61.6497, -22.2840

Details

The CIELCh color **39, 73.913, 338.238** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **62, 83.841, 138.701**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 73.807, 338.109**, and **25, 54.051, 340.149** is the 20% darker color. If you saturate the color by 10%, you get **39, 73.810, 338.247**, and if you desaturate by 10%, it is **40, 72.644, 337.204**.

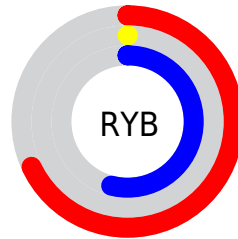
Distribution



Red (68%)

Green (0%)

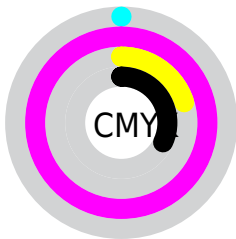
Blue (54%)



Red (68%)

Yellow (0%)

Blue (54%)

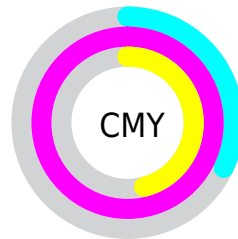


Cyan (0%)

Magenta (100%)

Yellow (20%)

Black (32%)



Cyan (32%)


Magenta (100%)

Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 73.913, 338.238 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, 73.913, 338.238 by changing the saturation by 10% instead.


 39, 73.913,
338.238

 39, 73.913,
338.238

 100, 73.913,
338.238

 29, 73.913,
338.238

 59, 73.913,
338.238

 19, 73.913,
338.238

 69, 73.913,
338.238

 9, 73.913, 338.238

 79, 73.913,
338.238

 0, 73.913, 338.238

 89, 73.913,
338.238

 99, 73.913,
338.238

■ 39, 73.913,
338.238

■ 39, 73.913,
338.238

■ 39, 73.810,
338.247

■ 40, 72.644,
337.204

■ 41, 69.732,
336.267

■ 43, 64.709,
335.425

■ 46, 57.839,
334.647

■ 49, 49.543,
333.910

■ 53, 40.265,
333.202

■ 57, 30.403,
332.517

■ 61, 20.268,

331.852

■ 66, 10.085,
331.202

Harmonies

Complementary

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



39, 73.913, 338.238



62, 83.841, 138.701

Rectangle

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



39, 73.913, 338.238



39, 73.913, 28.238



39, 73.913, 158.238



39, 73.913, 208.238

Sweetspot

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



39, 73.810, 338.247



73, 37.614, 332.553



21, 98.364, 307.292



36, 25.579, 332.830



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, 73.810, 338.247



51, 89.515, 338.464



36, 65.366, 20.801



34, 5.726, 331.156



34, 66.796, 338.112



2, 11.409, 333.313

Inverse Universe

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



39, 73.810, 338.247



51, 89.515, 338.464



63, 52.645, 161.973



34, 5.726, 331.156



34, 66.796, 338.112



2, 11.409, 333.313

Previews

White Background



This preview shows how the CIELCh color 39, 73.913, 338.238 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, 73.913, 338.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

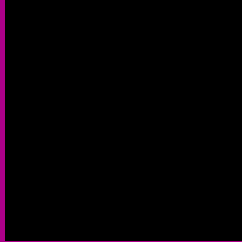
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 73.913, 338.238

Background



This preview shows how black text looks on a background with the CIELCh color 39, 73.913, 338.238.



This preview shows how white text looks on a background with the CIELCh color 39, 73.913, 338.238.

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, 73.913, 338.238

Deuteranopia

40, 22.057, 285.290

Tritanopia

40, 51.991, 27.516

Trichromacy



Original Color
39, 73.913, 338.238

Deuteranomaly
35, 48.334, 320.433

Tritanomaly
38, 56.200, 3.735

Monochromacy



Original Color
39, 73.913, 338.238

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 38.542, 334.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 73.913, 338.238 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(173, 0, 138)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 138)  
}
```

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(173, 0, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 73.913, 338.238 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(173, 0, 138) }
```

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

```
.border{ border-color:rgb(173, 0, 138) }
```

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

Here you see how a box with a 4 pixel rgb(173, 0, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 138);  
box-shadow:4px 4px 4px 4px rgb(173, 0,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 73.913, 338.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 138) }
```

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

```
.background{ background-color: rgb(173, 0,  
138) }
```

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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