

Converting Colors

CIELCh(38, 76.240, 341.007)

Have a look what the booklet for
CIELCh(38, 76.240, 341.007)
contains.

CIELCh(39, 72.036, 341.682)	3
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Color

CIELCh(39, 72.036, 341.682)

Conversions

Conversions Part 1

Format	Color
Hex	AF0082
RGB	175, 0, 130
RGB Percent	69%, 0%, 51%
CMY	0.3139, 1.0000, 0.4899
CMYK	0.00, 1.00, 0.26, 0.31
HSL	315°, 100%, 34%
HSV	315°, 100%, 69%
XYZ	21.6705, 10.6589, 22.0611
YIQ	67.1450, 62.5700, 77.5300

Conversions

Conversions Part 2

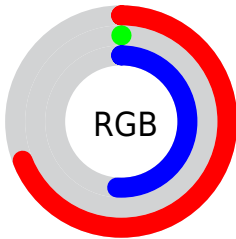
Format	Color
R_{YB}	175, 0, 130
Decimal	11468930
CIE _{Lab}	39.00, 68.39, -22.64
CIE _{LCh}	39, 72.036, 341.682
Yxy	10.6589, 0.3984, 0.1960
Android (android.graphics.Color)	4289659010 (0xFFAF0082)
YUV	67.1450, 30.9875, 94.5888
Hunter-Lab	32.6480, 61.3473, -17.2101

Details

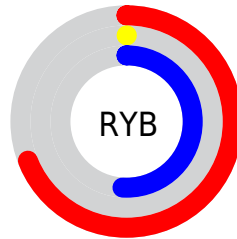
The CIELCh color **39, 72.036, 341.682** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **62, 82.125, 139.986**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 71.566, 341.974**, and **25, 51.790, 345.168** is the 20% darker color. If you saturate the color by 10%, you get **39, 71.683, 341.729**, and if you desaturate by 10%, it is **40, 70.692, 340.297**.

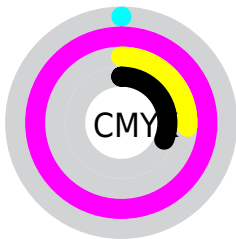
Distribution



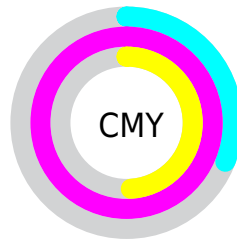
- Red (69%)
- Green (0%)
- Blue (51%)



- Red (69%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (31%)




- Cyan (31%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 72.036, 341.682 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, 72.036, 341.682 by changing the saturation by 10% instead.

 39, 72.036,
341.682

 39, 72.036,
341.682

 100, 72.036,
341.682

 29, 72.036,
341.682

 59, 72.036,
341.682

 19, 72.036,
341.682

 69, 72.036,
341.682

 9, 72.036, 341.682

 79, 72.036,
341.682

 0, 72.036, 341.682

 89, 72.036,
341.682

 99, 72.036,
341.682

■ 39, 72.036,
341.682

■ 39, 72.036,
341.682

■ 39, 71.683,
341.729

■ 40, 70.692,
340.297

■ 41, 67.948,
339.052

■ 44, 63.091,
337.980

■ 46, 56.396,
337.031

■ 50, 48.291,
336.168

■ 54, 39.227,
335.366

■ 58, 29.601,
334.611

■ 62, 19.721,

333.892

■ 67, 9.808, 333.200

Harmonies

Complementary

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



39, 72.036, 341.682



62, 82.125, 139.986

Rectangle

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



39, 72.036, 341.682



39, 72.036, 31.682



39, 72.036, 161.682



39, 72.036, 211.682

Sweetspot

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



39, 71.683, 341.729



73, 36.573, 334.649



22, 98.637, 307.767



37, 25.109, 334.957



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



39, 71.683, 341.729



51, 86.805, 342.031



37, 67.783, 25.224



34, 5.510, 333.151



33, 64.283, 341.522



2, 10.884, 335.964

Inverse Universe

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



39, 71.683, 341.729



51, 86.805, 342.031



64, 49.905, 166.167



34, 5.510, 333.151



33, 64.283, 341.522



2, 10.884, 335.964

Previews

White Background



This preview shows how the CIELCh color 39, 72.036, 341.682 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, 72.036, 341.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

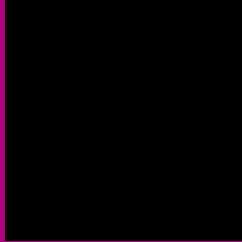
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 72.036, 341.682

Background



This preview shows how black text looks on a background with the CIELCh color 39, 72.036, 341.682.



This preview shows how white text looks on a background with the CIELCh color 39, 72.036, 341.682.

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, 71.666, 341.774

Protanopia

41, 56.608, 286.936

Deuteranopia

40, 17.682, 289.256



Tritanopia
40, 54.768, 28.386

Trichromacy



Original Color
39, 71.666, 341.774

Protanomaly
34, 65.658, 306.156

Deuteranomaly
35, 45.382, 325.232

Tritanomaly
38, 57.513, 6.691

Monochromacy



Original Color
39, 71.666, 341.774

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 37.516, 336.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 72.036, 341.682 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(175, 0, 130)` looks like.

```
.text, #text, p{  
    color:rgb(175, 0, 130)  
}
```

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(175, 0, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 0, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 72.036, 341.682 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(175, 0, 130) }
```

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

```
.border{ border-color:rgb(175, 0, 130) }
```

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

Here you see how a box with a 4 pixel rgb(175, 0, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 0, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 0, 130);  
box-shadow:4px 4px 4px 4px rgb(175, 0,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 72.036, 341.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 0, 130) }
```

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

```
.background{ background-color: rgb(175, 0,  
130) }
```

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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