

Converting Colors

CIELCh(39, 70.054, 343.408)

Have a look what the booklet for
CIELCh(39, 70.054, 343.408)
contains.

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Color

CIELCh(39, 70.080, 343.435)

Conversions

Conversions Part 1

Format	Color
Hex	AF037E
RGB	175, 3, 126
RGB Percent	69%, 1%, 49%
CMY	0.3147, 0.9869, 0.5067
CMYK	0.00, 0.98, 0.28, 0.31
HSL	317°, 96%, 35%
HSV	317°, 98%, 69%
XYZ	21.4131, 10.6589, 20.5960
YIQ	68.4500, 63.0290, 74.7170

Conversions

Conversions Part 2

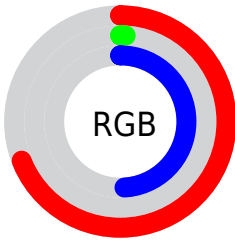
Format	Color
RYB	175, 3, 126
Decimal	11469694
CIELab	39.00, 67.17, -19.98
CIELCh	39, 70.080, 343.435
Yxy	10.6589, 0.4066, 0.2024
Android (android.graphics.Color)	4289659774 (0xFFAF037E)
YUV	68.4500, 28.3721, 93.4444
Hunter-Lab	32.6480, 59.9399, -14.5494

Details

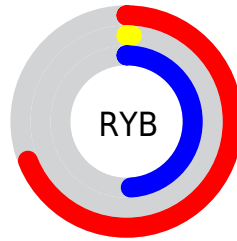
The CIELCh color **39, 70.080, 343.435** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **62, 79.646, 141.125**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 70.453, 343.445**, and **25, 51.016, 347.037** is the 20% darker color. If you saturate the color by 10%, you get **39, 70.231, 343.759**, and if you desaturate by 10%, it is **40, 68.951, 341.800**.

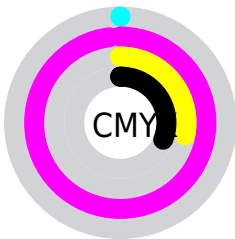
Distribution



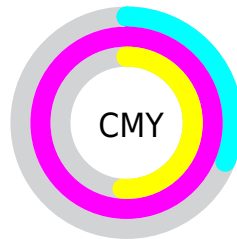
- Red (69%)
- Green (1%)
- Blue (49%)



- Red (69%)
- Yellow (1%)
- Blue (49%)



- Cyan (0%)
- Magenta (98%)
- Yellow (28%)
- Black (31%)





- Cyan (31%)
- Magenta (99%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 70.080, 343.435 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, 70.080, 343.435 by changing the saturation by 10% instead.


 39, 70.080,
343.435

 39, 70.080,
343.435

 100, 70.080,
343.435

 29, 70.080,
343.435

 59, 70.080,
343.435

 19, 70.080,
343.435

 69, 70.080,
343.435

 9, 70.080, 343.435

 79, 70.080,
343.435

 0, 70.080, 343.435

 89, 70.080,
343.435

 99, 70.080,
343.435

■ 39, 70.080,
343.435

■ 39, 70.080,
343.435

■ 39, 70.231,
343.759

■ 40, 68.951,
341.800

■ 42, 65.872,
340.418

■ 44, 60.736,
339.244

■ 47, 53.859,
338.219

■ 50, 45.683,
337.299

■ 54, 36.652,
336.454

■ 58, 27.143,
335.667

■ 63, 17.441,

334.925

■ 68, 7.747, 334.210

Harmonies

Complementary

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



39, 70.080, 343.435



62, 79.646, 141.125

Rectangle

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



39, 70.080, 343.435



39, 70.080, 33.435



39, 70.080, 163.435



39, 70.080, 213.435

Sweetspot

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



39, 70.077, 343.435



74, 34.659, 335.776



23, 97.024, 308.124



37, 23.943, 336.102



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, 70.077, 343.435



51, 85.100, 344.116



37, 68.184, 26.995



34, 5.396, 334.297



33, 63.039, 343.518



2, 10.621, 337.439

Inverse Universe

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



39, 70.077, 343.435



51, 85.100, 344.116



64, 47.408, 169.620



34, 5.396, 334.297



33, 63.039, 343.518



2, 10.621, 337.439

Previews

White Background



This preview shows how the CIE LCh color 39, 70.080, 343.435 looks on a white background.

Color Contrast Check

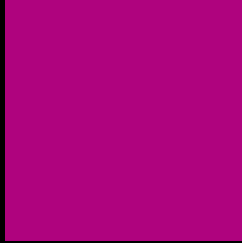
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70.080, 343.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

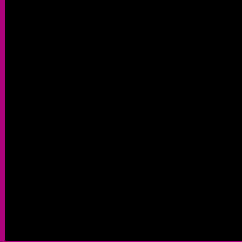
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 70.080, 343.435

Background



This preview shows how black text looks on a background with the CIELCh color 39, 70.080, 343.435.

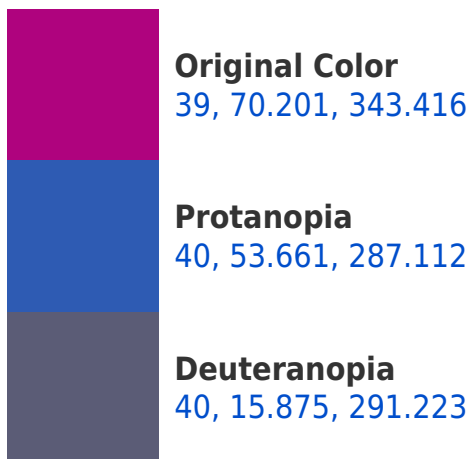


This preview shows how white text looks on a background with the CIELCh color 39, 70.080, 343.435.

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





Tritanopia
40, 55.504, 29.155

Trichromacy



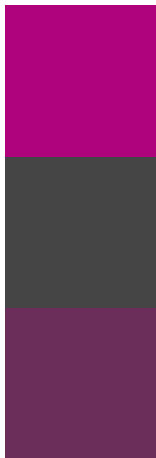
Original Color
39, 70.201, 343.416

Protanomaly
34, 62.807, 307.651

Deuteranomaly
35, 42.875, 326.958

Tritanomaly
38, 57.266, 8.682

Monochromacy



Original Color
39, 70.201, 343.416

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 36.516, 337.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 70.080, 343.435 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, 3, 126)` looks like.

```
.text, #text, p{  
    color:rgb(175, 3, 126)  
}
```

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, 3, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 3, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 70.080, 343.435 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, 3, 126) }
```

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

```
.border{ border-color:rgb(175, 3, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 3, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 3, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 3, 126);  
box-shadow:4px 4px 4px 4px rgb(175, 3,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 70.080, 343.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 3, 126) }
```

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

```
.background{ background-color: rgb(175, 3,  
126) }
```

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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