

Converting Colors

CIELCh(39, 69.320, 345.391)

Have a look what the booklet for
CIELCh(39, 69.320, 345.391)
contains.

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Color

CIELCh(39, 69.403, 345.356)

Conversions

Conversions Part 1

Format	Color
Hex	B0027A
RGB	176, 2, 122
RGB Percent	69%, 1%, 48%
CMY	0.3102, 0.9931, 0.5219
CMYK	0.00, 0.99, 0.31, 0.31
HSL	319°, 98%, 35%
HSV	319°, 99%, 69%
XYZ	21.4082, 10.6589, 19.3136
YIQ	67.7060, 65.1840, 74.2080

Conversions

Conversions Part 2

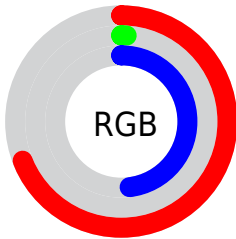
Format	Color
R _Y B	176, 2, 122
Decimal	11534970
CIE Lab	39.00, 67.15, -17.55
CIE LCh	39, 69.403, 345.356
Yxy	10.6589, 0.4167, 0.2075
Android (android.graphics.Color)	4289725050 (0xFFB0027A)
YUV	67.7060, 26.7669, 94.9738
Hunter-Lab	32.6480, 59.9134, -12.2205

Details

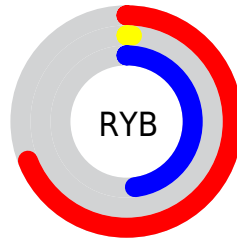
The CIELCh color **39, 69.403, 345.356** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **63, 79.103, 141.704**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 69.592, 345.235**, and **25, 50.248, 350.093** is the 20% darker color. If you saturate the color by 10%, you get **39, 69.477, 345.546**, and if you desaturate by 10%, it is **40, 68.414, 343.498**.

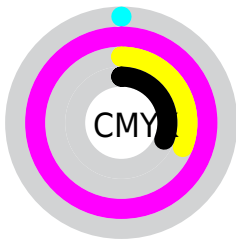
Distribution



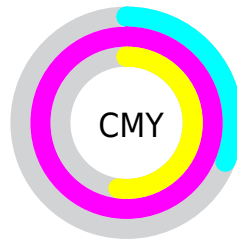
- Red (69%)
- Green (1%)
- Blue (48%)



- Red (69%)
- Yellow (1%)
- Blue (48%)



- Cyan (0%)
- Magenta (99%)
- Yellow (31%)
- Black (31%)





- Cyan (31%)
- Magenta (99%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 69.403, 345.356 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, 69.403, 345.356 by changing the saturation by 10% instead.


 39, 69.403,
345.356


 39, 69.403,
345.356

 100, 69.403,
345.356


 29, 69.403,
345.356

 59, 69.403,
345.356


 19, 69.403,
345.356

 69, 69.403,
345.356

 9, 69.403, 345.356

 79, 69.403,
345.356

 0, 69.403, 345.356

 89, 69.403,
345.356

 99, 69.403,
345.356

■ 39, 69.403,
345.356

■ 39, 69.403,
345.356

■ 39, 69.477,
345.546

■ 40, 68.414,
343.498

■ 42, 65.577,
341.932

■ 44, 60.670,
340.623

■ 47, 53.994,
339.498

■ 50, 45.988,
338.505

■ 54, 37.100,
337.606

■ 58, 27.714,
336.779

■ 63, 18.123,

336.006

■ 68, 8.532, 335.268

Harmonies

Complementary

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



39, 69.403, 345.356



63, 79.103, 141.704

Rectangle

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



39, 69.403, 345.356



39, 69.403, 35.356



39, 69.403, 165.356



39, 69.403, 215.356

Sweetspot

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



39, 69.400, 345.357



74, 35.578, 336.901



24, 97.719, 308.348



37, 24.214, 337.237



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, 69.400, 345.357



51, 84.480, 345.954



37, 69.704, 28.769



34, 5.303, 335.289



33, 62.072, 345.262



2, 10.414, 338.686

Inverse Universe

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



39, 69.400, 345.357



51, 84.480, 345.954



64, 46.831, 171.088



34, 5.303, 335.289



33, 62.072, 345.262



2, 10.414, 338.686

Previews

White Background



This preview shows how the CIE LCh color 39, 69.403, 345.356 looks on a white background.

Color Contrast Check

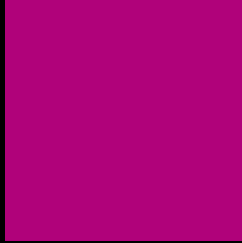
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69.403, 345.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

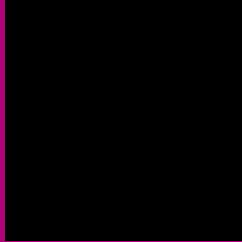
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 69.403, 345.356

Background



This preview shows how black text looks on a background with the CIELCh color 39, 69.403, 345.356.

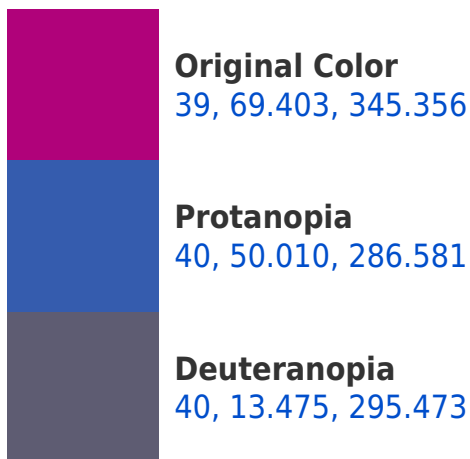


This preview shows how white text looks on a background with the CIELCh color 39, 69.403, 345.356.

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, 57.338, 29.713

Trichromacy



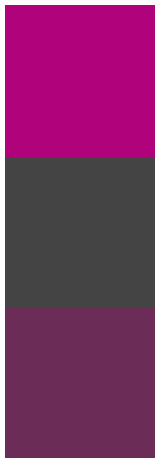
Original Color
39, 69.403, 345.356

Protanomaly
34, 60.015, 309.443

Deuteranomaly
35, 42.141, 330.449

Tritanomaly
39, 58.477, 10.652

Monochromacy



Original Color
39, 69.403, 345.356

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 36.363, 338.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 69.403, 345.356 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(176, 2, 122)` looks like.

```
.text, #text, p{  
    color:rgb(176, 2, 122)  
}
```

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(176, 2, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 2, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 69.403, 345.356 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(176, 2, 122) }
```

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

```
.border{ border-color:rgb(176, 2, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 2, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 2, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 2, 122);  
box-shadow:4px 4px 4px 4px rgb(176, 2,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 69.403, 345.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 2, 122) }
```

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

```
.background{ background-color: rgb(176, 2,  
122) }
```

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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