

Converting Colors

CIELCh(39, 68.313, 348.425)

Have a look what the booklet for
CIELCh(39, 68.313, 348.425)
contains.

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Color

CIELCh(39, 68.257, 348.250)

Conversions

Conversions Part 1

Format	Color
Hex	B10174
RGB	177, 1, 116
RGB Percent	69%, 0%, 45%
CMY	0.3053, 0.9944, 0.5446
CMYK	0.00, 0.99, 0.34, 0.31
HSL	321°, 98%, 35%
HSV	321°, 99%, 69%
XYZ	21.3404, 10.6589, 17.4940
YIQ	66.7340, 67.9810, 73.0770

Conversions

Conversions Part 2

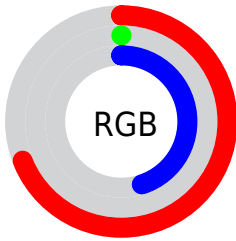
Format	Color
R_{YB}	177, 1, 116
Decimal	11600244
CIE _{Lab}	39.00, 66.83, -13.90
CIE _{LCh}	39, 68.257, 348.250
Yxy	10.6589, 0.4312, 0.2154
Android (android.graphics.Color)	4289790324 (0xFFB10174)
YUV	66.7340, 24.2881, 96.7033
Hunter-Lab	32.6480, 59.5424, -8.9161

Details

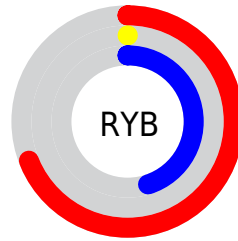
The CIELCh color **39, 68.257, 348.250** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **63, 77.404, 142.905**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 68.123, 348.307**, and **25, 49.484, 353.981** is the 20% darker color. If you saturate the color by 10%, you get **39, 68.317, 348.433**, and if you desaturate by 10%, it is **40, 67.306, 346.049**.

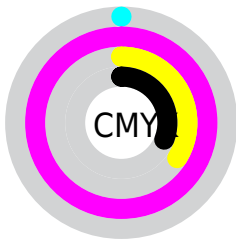
Distribution



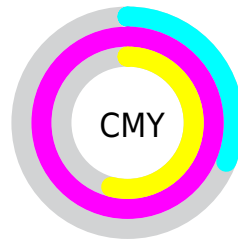
- Red (69%)
- Green (0%)
- Blue (45%)



- Red (69%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (99%)
- Yellow (34%)
- Black (31%)





- Cyan (31%)
- Magenta (99%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 68.257, 348.250 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, 68.257, 348.250 by changing the saturation by 10% instead.


 39, 68.257,
348.250


 39, 68.257,
348.250

 100, 68.257,
348.250


 29, 68.257,
348.250

 59, 68.257,
348.250


 19, 68.257,
348.250

 69, 68.257,
348.250

 9, 68.257, 348.250

 79, 68.257,
348.250

 0, 68.257, 348.250

 89, 68.257,
348.250

 99, 68.257,
348.250

■ 39, 68.257,
348.250

■ 39, 68.257,
348.250

■ 39, 68.317,
348.433

■ 40, 67.306,
346.049

■ 42, 64.553,
344.213

■ 44, 59.749,
342.704

■ 47, 53.190,
341.433

■ 50, 45.316,
340.331

■ 54, 36.576,
339.353

■ 59, 27.353,
338.465

■ 63, 17.938,

337.647

■ 68, 8.532, 336.874

Harmonies

Complementary

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



39, 68.257, 348.250



63, 77.404, 142.905

Rectangle

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



39, 68.257, 348.250



39, 68.257, 38.250



39, 68.257, 168.250



39, 68.257, 218.250

Sweetspot

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



39, 68.254, 348.251



74, 34.691, 338.578



24, 97.766, 308.816



37, 23.617, 338.937



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, 68.254, 348.251



51, 82.642, 348.905



37, 71.730, 31.313



35, 5.289, 336.884



33, 61.458, 348.118



2, 11.751, 341.350

Inverse Universe

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



39, 68.254, 348.251



51, 82.642, 348.905



65, 45.198, 174.541



35, 5.289, 336.884



33, 61.458, 348.118



2, 11.751, 341.350

Previews

White Background



This preview shows how the CIELCh color 39, 68.257, 348.250 looks on a white background.

Color Contrast Check

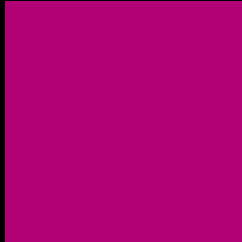
Large Text (above 18pt) WCAG AA ✓ Pass

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, 68.257, 348.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

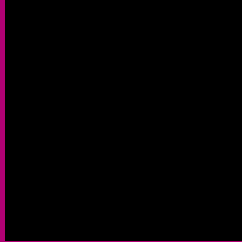
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 68.257, 348.250

Background



This preview shows how black text looks on a background with the CIELCh color 39, 68.257, 348.250.

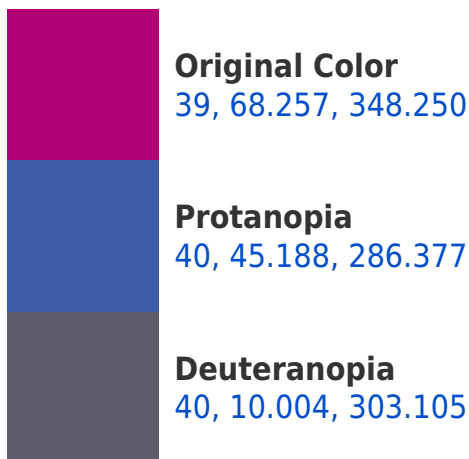


This preview shows how white text looks on a background with the CIELCh color 39, 68.257, 348.250.

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, 59.154, 30.269

Trichromacy



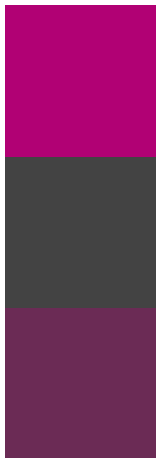
Original Color
39, 68.257, 348.250

Protanomaly
34, 56.212, 311.859

Deuteranomaly
35, 39.986, 334.913

Tritanomaly
39, 59.521, 12.734

Monochromacy



Original Color
39, 68.257, 348.250

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 35.879, 341.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 68.257, 348.250 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(177, 1, 116)` looks like.

```
.text, #text, p{  
    color:rgb(177, 1, 116)  
}
```

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(177, 1, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 1, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 68.257, 348.250 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(177, 1, 116) }
```

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

```
.border{ border-color:rgb(177, 1, 116) }
```

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

Here you see how a box with a 4 pixel rgb(177, 1, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 1, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 1, 116);  
box-shadow:4px 4px 4px 4px rgb(177, 1,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 68.257, 348.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 1, 116) }
```

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

```
.background{ background-color: rgb(177, 1,  
116) }
```

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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