

Converting Colors

CIELCh(39, 67.936, 348.511)

Have a look what the booklet for
CIELCh(39, 67.936, 348.511)
contains.

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Color

CIELCh(39, 68.019, 348.306)

Conversions

Conversions Part 1

Format	Color
Hex	B10374
RGB	177, 3, 116
RGB Percent	69%, 1%, 45%
CMY	0.3062, 0.9889, 0.5453
CMYK	0.00, 0.98, 0.34, 0.31
HSL	321°, 97%, 35%
HSV	321°, 98%, 69%
XYZ	21.2942, 10.6589, 17.4392
YIQ	67.9080, 67.4310, 72.0310

Conversions

Conversions Part 2

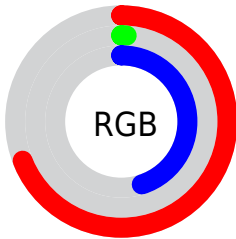
Format	Color
R_{YB}	177, 3, 116
Decimal	11600756
CIE _{Lab}	39.00, 66.61, -13.79
CIE _{LCh}	39, 68.019, 348.306
Yxy	10.6589, 0.4311, 0.2158
Android (android.graphics.Color)	4289790836 (0xFFB10374)
YUV	67.9080, 23.7094, 95.6737
Hunter-Lab	32.6480, 59.2897, -8.8167

Details

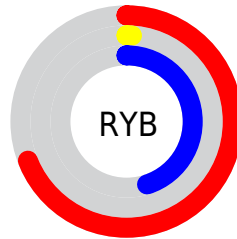
The CIELCh color **39, 68.019, 348.306** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **63, 76.775, 143.163**, and the grayscale version is **29, 0.004, 296.813**.

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, 68.140, 348.672**, and if you desaturate by 10%, it is **40, 66.985, 346.097**.

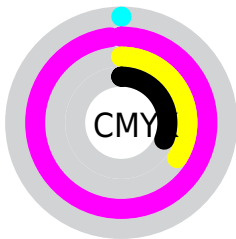
Distribution



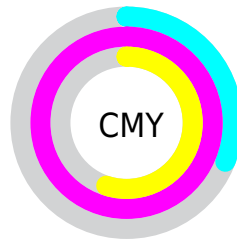
- Red (69%)
- Green (1%)
- Blue (45%)



- Red (69%)
- Yellow (1%)
- Blue (45%)



- Cyan (0%)
- Magenta (98%)
- Yellow (34%)
- Black (31%)




- Cyan (31%)
- Magenta (99%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 68.019, 348.306 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, 68.019, 348.306 by changing the saturation by 10% instead.


 39, 68.019,
348.306


 39, 68.019,
348.306

 100, 68.019,
348.306


 29, 68.019,
348.306

 59, 68.019,
348.306


 19, 68.019,
348.306

 69, 68.019,
348.306

 9, 68.019, 348.306

 79, 68.019,
348.306

 0, 68.019, 348.306

 89, 68.019,
348.306

 99, 68.019,
348.306

■ 39, 68.019,
348.306

■ 39, 68.019,
348.306

■ 39, 68.140,
348.672

■ 40, 66.985,
346.097

■ 42, 64.069,
344.269

■ 44, 59.122,
342.766

■ 47, 52.457,
341.499

■ 51, 44.518,
340.401

■ 55, 35.751,
339.424

■ 59, 26.529,
338.538

■ 63, 17.136,

337.720

■ 68, 7.767, 336.946

Harmonies

Complementary

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



39, 68.019, 348.306



63, 76.775, 143.163

Rectangle

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



39, 68.019, 348.306



39, 68.019, 38.306



39, 68.019, 168.306



39, 68.019, 218.306

Sweetspot

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



39, 68.016, 348.307



74, 34.621, 338.719



25, 96.971, 309.078



37, 23.570, 339.080



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, 68.016, 348.307



51, 82.504, 349.153



37, 72.018, 32.088



35, 5.278, 337.017



33, 61.354, 348.356



2, 11.724, 341.517

Inverse Universe

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



39, 68.016, 348.307



51, 82.504, 349.153



65, 44.128, 176.514



35, 5.278, 337.017



33, 61.354, 348.356



2, 11.724, 341.517

Previews

White Background



This preview shows how the CIELCh color 39, 68.019, 348.306 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, 68.019, 348.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

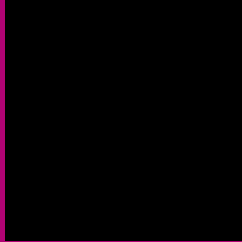
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 68.019, 348.306

Background



This preview shows how black text looks on a background with the CIELCh color 39, 68.019, 348.306.



This preview shows how white text looks on a background with the CIELCh color 39, 68.019, 348.306.

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, 68.019, 348.306

Protanopia

40, 45.188, 286.377

Deuteranopia

40, 10.004, 303.105



Tritanopia
40, 59.154, 30.269

Trichromacy



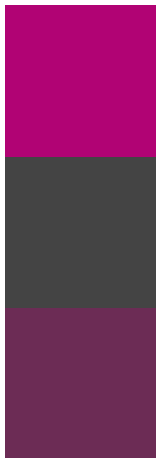
Original Color
39, 68.019, 348.306

Protanomaly
35, 55.581, 311.659

Deuteranomaly
36, 39.369, 334.995

Tritanomaly
39, 59.188, 12.502

Monochromacy



Original Color
39, 68.019, 348.306

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 35.524, 341.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 68.019, 348.306 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, 3, 116)` looks like.

```
.text, #text, p{  
    color:rgb(177, 3, 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, 3, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 3, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 68.019, 348.306 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, 3, 116) }
```

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

```
.border{ border-color:rgb(177, 3, 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, 3, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 3, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 3, 116);  
box-shadow:4px 4px 4px 4px rgb(177, 3,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 68.019, 348.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 3, 116) }
```

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

```
.background{ background-color: rgb(177, 3,  
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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