

Converting Colors

CIELCh(38, 67.882, 353.984)

Have a look what the booklet for
CIELCh(38, 67.882, 353.984)
contains.

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Color

CIELCh(39, 66.169, 354.661)

Conversions

Conversions Part 1

Format	Color
Hex	B30368
RGB	179, 3, 104
RGB Percent	70%, 1%, 41%
CMY	0.2976, 0.9882, 0.5925
CMYK	0.00, 0.98, 0.42, 0.30
HSL	326°, 97%, 36%
HSV	326°, 98%, 70%
XYZ	21.1420, 10.6589, 14.0163
YIQ	67.1380, 72.4750, 68.7230

Conversions

Conversions Part 2

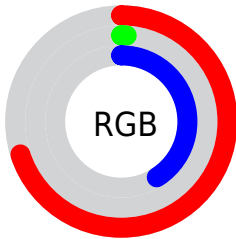
Format	Color
RYB	179, 3, 104
Decimal	11731816
CIELab	39.00, 65.88, -6.16
CIElCh	39, 66.169, 354.661
Yxy	10.6589, 0.4614, 0.2326
Android (android.graphics.Color)	4289921896 (0xFFB30368)
YUV	67.1380, 18.1730, 98.1030
Hunter-Lab	32.6480, 58.4575, -2.6005

Details

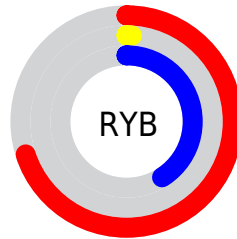
The CIELCh color **39, 66.169, 354.661** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **64, 72.520, 146.159**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 66.085, 354.462**, and **25, 48.492, 2.546** is the 20% darker color. If you saturate the color by 10%, you get **39, 66.326, 355.178**, and if you desaturate by 10%, it is **40, 65.002, 351.699**.

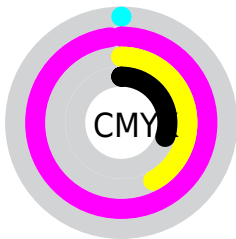
Distribution



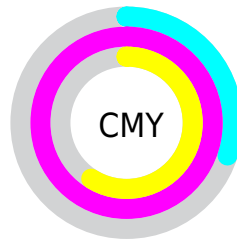
- Red (70%)
- Green (1%)
- Blue (41%)



- Red (70%)
- Yellow (1%)
- Blue (41%)



- Cyan (0%)
- Magenta (98%)
- Yellow (42%)
- Black (30%)





- Cyan (30%)
- Magenta (99%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 66.169, 354.661 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, 66.169, 354.661 by changing the saturation by 10% instead.


 39, 66.169,
354.661


 39, 66.169,
354.661

 100, 66.169,
354.661


 29, 66.169,
354.661

 59, 66.169,
354.661


 19, 66.169,
354.661


 69, 66.169,
354.661

 9, 66.169, 354.661

 79, 66.169,
354.661

 0, 66.169, 354.661

 89, 66.169,
354.661

 99, 66.169,
354.661

■ 39, 66.169,
354.661

■ 39, 66.169,
354.661

■ 39, 66.326,
355.178

■ 40, 65.002,
351.699

■ 42, 62.044,
349.288

■ 44, 57.136,
347.353

■ 47, 50.585,
345.768

■ 51, 42.830,
344.437

■ 55, 34.311,
343.288

■ 60, 25.394,
342.273

■ 64, 16.348,

341.358

■ 69, 7.359, 340.506

Harmonies

Complementary

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



39, 66.169, 354.661



64, 72.520, 146.159

Rectangle

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



39, 66.169, 354.661



39, 66.169, 44.661



39, 66.169, 174.661



39, 66.169, 224.661

Sweetspot

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



39, 66.166, 354.662



75, 32.101, 342.386



26, 96.587, 310.239



38, 22.204, 342.806



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



39, 66.166, 354.662



51, 80.298, 355.819



37, 75.808, 36.014



35, 5.000, 340.591



33, 59.168, 354.716



2, 11.095, 345.778

Inverse Universe

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



39, 66.166, 354.662



51, 80.298, 355.819



66, 41.283, 184.629



35, 5.000, 340.591



33, 59.168, 354.716



2, 11.095, 345.778

Previews

White Background



This preview shows how the CIELCh color 39, 66.169, 354.661 looks on a white background.

Color Contrast Check

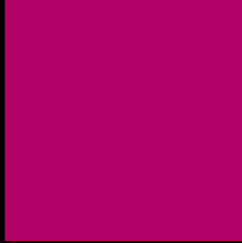
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.169, 354.661 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, 66.169, 354.661

Background



This preview shows how black text looks on a background with the CIELCh color 39, 66.169, 354.661.



This preview shows how white text looks on a background with the CIELCh color 39, 66.169, 354.661.

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, 66.159, 354.586

Protanopia

40, 34.902, 285.836

Deuteranopia

40, 5.565, 347.012



Tritanopia
40, 63.068, 31.982

Trichromacy



Original Color
39, 66.159, 354.586

Protanomaly
35, 47.911, 318.294

Deuteranomaly
36, 36.730, 345.606

Tritanomaly
39, 61.576, 17.259

Monochromacy



Original Color
39, 66.159, 354.586

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 33.938, 346.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 66.169, 354.661 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(179, 3, 104)` looks like.

```
.text, #text, p{  
    color:rgb(179, 3, 104)  
}
```

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(179, 3, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 3, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 66.169, 354.661 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(179, 3, 104) }
```

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

```
.border{ border-color:rgb(179, 3, 104) }
```

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

Here you see how a box with a 4 pixel rgb(179, 3, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 3, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 3, 104);  
box-shadow:4px 4px 4px 4px rgb(179, 3,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 66.169, 354.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 3, 104) }
```

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

```
.background{ background-color: rgb(179, 3,  
104) }
```

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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