

Converting Colors

CIELCh(39, 67.211, 354.001)

Have a look what the booklet for
CIELCh(39, 67.211, 354.001)
contains.

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Color

CIELCh(39, 66.835, 354.279)

Conversions

Conversions Part 1

Format	Color
Hex	B40069
RGB	180, 0, 105
RGB Percent	71%, 0%, 41%
CMY	0.2954, 1.0000, 0.5893
CMYK	0.00, 1.00, 0.42, 0.30
HSL	325°, 100%, 35%
HSV	325°, 100%, 70%
XYZ	21.2721, 10.6589, 14.2279
YIQ	65.7900, 73.5750, 70.8150

Conversions

Conversions Part 2

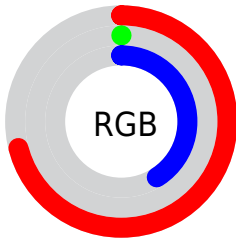
Format	Color
R_{YB}	180, 0, 105
Decimal	11796585
CIE Lab	39.00, 66.50, -6.66
CIE LCh	39, 66.835, 354.279
Yxy	10.6589, 0.4608, 0.2309
Android (android.graphics.Color)	4289986665 (0xFFB40069)
YUV	65.7900, 19.3305, 100.1622
Hunter-Lab	32.6480, 59.1689, -2.9847

Details

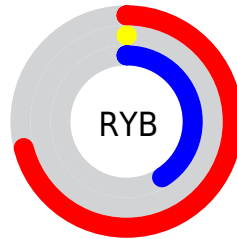
The CIELCh color **39, 66.835, 354.279** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **64, 74.118, 145.398**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 66.761, 354.500**, and **25, 48.808, 2.189** is the 20% darker color. If you saturate the color by 10%, you get **39, 66.734, 354.313**, and if you desaturate by 10%, it is **40, 65.747, 351.393**.

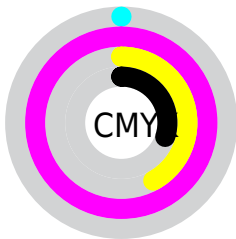
Distribution



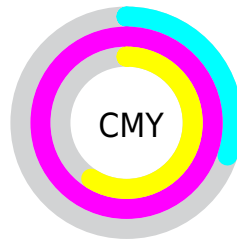
- Red (71%)
- Green (0%)
- Blue (41%)



- Red (71%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (30%)





- Cyan (30%)
- Magenta (100%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 66.835, 354.279 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, 66.835, 354.279 by changing the saturation by 10% instead.


 39, 66.835,
354.279


 39, 66.835,
354.279

 100, 66.835,
354.279


 29, 66.835,
354.279

 59, 66.835,
354.279


 19, 66.835,
354.279


 69, 66.835,
354.279

 9, 66.835, 354.279

 79, 66.835,
354.279

 0, 66.835, 354.279

 89, 66.835,
354.279

 99, 66.835,
354.279

■ 39, 66.835,
354.279

■ 39, 66.835,
354.279

■ 39, 66.734,
354.313

■ 40, 65.747,
351.393

■ 42, 63.138,
348.969

■ 44, 58.532,
347.024

■ 47, 52.198,
345.432

■ 51, 44.567,
344.096

■ 55, 36.090,
342.945

■ 59, 27.148,
341.928

■ 64, 18.033,

341.011

■ 68, 8.943, 340.164

Harmonies

Complementary

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



39, 66.835, 354.279



64, 74.118, 145.398

Rectangle

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



39, 66.835, 354.279



39, 66.835, 44.279



39, 66.835, 174.279



39, 66.835, 224.279

Sweetspot

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



39, 66.734, 354.313



75, 33.722, 341.978



26, 97.629, 310.192



37, 22.978, 342.388



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, 66.734, 354.313



51, 81.257, 354.947



37, 76.910, 36.571



35, 5.035, 340.107



33, 59.401, 353.858



2, 11.170, 345.225

Inverse Universe

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



39, 66.734, 354.313



51, 81.257, 354.947



66, 41.549, 184.463



35, 5.035, 340.107



33, 59.401, 353.858



2, 11.170, 345.225

Previews

White Background



This preview shows how the CIELCh color 39, 66.835, 354.279 looks on a white background.

Color Contrast Check

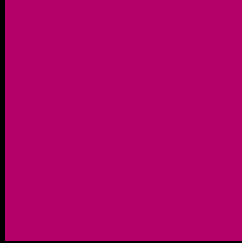
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 39, 66.835, 354.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

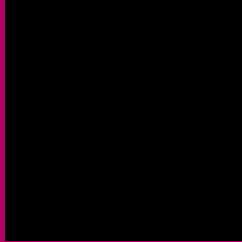
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 66.835, 354.279

Background



This preview shows how black text looks on a background with the CIELCh color 39, 66.835, 354.279.



This preview shows how white text looks on a background with the CIELCh color 39, 66.835, 354.279.

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, 66.835, 354.279

Protanopia

40, 34.880, 285.322

Deuteranopia

40, 5.555, 347.003



Tritanopia
40, 63.068, 31.982

Trichromacy



Original Color
39, 66.835, 354.279



Protanomaly
35, 49.069, 318.151



Deuteranomaly
36, 37.294, 345.308



Tritanomaly
39, 61.759, 17.106

Monochromacy



Original Color
39, 66.835, 354.279



Achromatopsia
28, 0.004, 296.813



Achromatomaly
28, 34.828, 345.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 66.835, 354.279 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(180, 0, 105)` looks like.

```
.text, #text, p{  
    color:rgb(180, 0, 105)  
}
```

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(180, 0, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 0, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 66.835, 354.279 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(180, 0, 105) }
```

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

```
.border{ border-color:rgb(180, 0, 105) }
```

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

Here you see how a box with a 4 pixel rgb(180, 0, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 0, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 0, 105);  
box-shadow:4px 4px 4px 4px rgb(180, 0,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 66.835, 354.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 0, 105) }
```

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

```
.background{ background-color: rgb(180, 0,  
105) }
```

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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