

Converting Colors

CIELCh(39, 81.360, 329.732)

Have a look what the booklet for
CIELCh(39, 81.360, 329.732)
contains.

CIELCh(39, 81.357, 329.707)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(39, 81.357, 329.707)

Conversions

Conversions Part 1

Format	Color
Hex	A601A0
RGB	166, 1, 160
RGB Percent	65%, 0%, 63%
CMY	0.3492, 0.9964, 0.3727
CMYK	0.00, 0.99, 0.04, 0.35
HSL	302°, 99%, 33%
HSV	302°, 99%, 65%
XYZ	22.0693, 10.6589, 34.1351
YIQ	68.4610, 47.3010, 84.4290

Conversions

Conversions Part 2

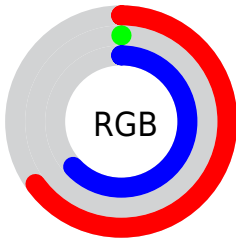
Format	Color
R_{YB}	166, 1, 160
Decimal	10879392
CIE _{Lab}	39.00, 70.25, -41.04
CIE _{LCh}	39, 81.357, 329.707
Yxy	10.6589, 0.3301, 0.1594
Android (android.graphics.Color)	4289069472 (0xFFA601A0)
YUV	68.4610, 45.1287, 85.5417
Hunter-Lab	32.6480, 63.5279, -39.1369

Details

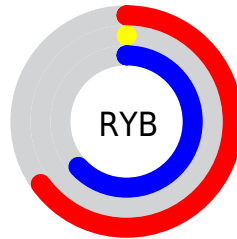
The CIELCh color **39, 81.357, 329.707** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **59, 86.005, 136.373**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 81.137, 329.853**, and **25, 61.380, 328.582** is the 20% darker color. If you saturate the color by 10%, you get **39, 81.457, 329.718**, and if you desaturate by 10%, it is **40, 79.329, 329.495**.

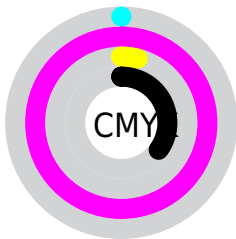
Distribution



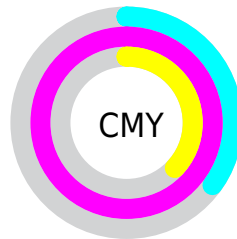
- Red (65%)
- Green (0%)
- Blue (63%)



- Red (65%)
- Yellow (0%)
- Blue (63%)



- Cyan (0%)
- Magenta (99%)
- Yellow (4%)
- Black (35%)





- Cyan (35%)
- Magenta (100%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 81.357, 329.707 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, 81.357, 329.707 by changing the saturation by 10% instead.


 39, 81.357,
329.707


 39, 81.357,
329.707

 100, 81.357,
329.707


 29, 81.357,
329.707

 59, 81.357,
329.707


 19, 81.357,
329.707


 69, 81.357,
329.707

 9, 81.357, 329.707

 79, 81.357,
329.707

 0, 81.357, 329.707

 89, 81.357,
329.707

 99, 81.357,
329.707

■ 39, 81.357,
329.707

■ 39, 81.357,
329.707

■ 39, 81.457,
329.718

■ 40, 79.329,
329.495

■ 41, 75.576,
329.231

■ 43, 69.777,
328.900

■ 45, 62.162,
328.505

■ 48, 53.114,
328.053

■ 52, 43.057,
327.556

■ 56, 32.381,
327.028

■ 60, 21.403,

326.480

■ 64, 10.358,
325.920

Harmonies

Complementary

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



39, 81.357, 329.707



59, 86.005, 136.373

Rectangle

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



39, 81.357, 329.707



39, 81.357, 19.707



39, 81.357, 149.707



39, 81.357, 199.707

Sweetspot

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



39, 81.355, 329.707



71, 40.972, 327.087



19, 96.550, 306.342



36, 28.109, 327.304



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



39, 81.355, 329.707



51, 99.325, 329.747



35, 61.149, 4.568



33, 6.273, 325.911



35, 74.869, 329.704



2, 11.274, 325.831

Inverse Universe

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



39, 81.355, 329.707



51, 99.325, 329.747



60, 61.877, 151.197



33, 6.273, 325.911



35, 74.869, 329.704



2, 11.274, 325.831

Previews

White Background



This preview shows how the CIELCh color 39, 81.357, 329.707 looks on a white background.

Color Contrast Check

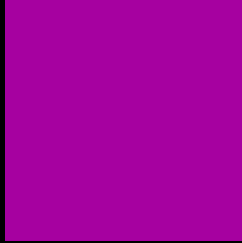
Large Text (above 18pt) WCAG AA ✓ Pass

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, 81.357, 329.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

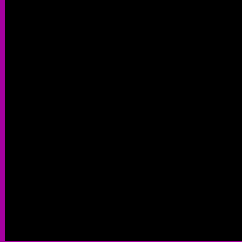
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 39, 81.357, 329.707

Background



This preview shows how black text looks on a background with the CIELCh color 39, 81.357, 329.707.



This preview shows how white text looks on a background with the CIELCh color 39, 81.357, 329.707.

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, 81.357, 329.707

Protanopia

40, 62.161, 286.885

Deuteranopia

40, 34.770, 279.968



Tritanopia
40, 42.874, 24.044

Trichromacy



Original Color
39, 81.357, 329.707



Protanomaly
33, 75.939, 301.483



Deuteranomaly
35, 58.845, 309.930



Tritanomaly
38, 53.881, 352.944

Monochromacy



Original Color
39, 81.357, 329.707



Achromatopsia
29, 0.005, 296.813



Achromatomaly
29, 41.294, 328.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 81.357, 329.707 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(166, 1, 160)` looks like.

```
.text, #text, p{  
    color:rgb(166, 1, 160)  
}
```

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(166, 1, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 1, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 81.357, 329.707 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(166, 1, 160) }
```

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

```
.border{ border-color:rgb(166, 1, 160) }
```

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

Here you see how a box with a 4 pixel rgb(166, 1, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 1, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 1, 160);  
box-shadow:4px 4px 4px 4px rgb(166, 1,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 81.357, 329.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 1, 160) }
```

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

```
.background{ background-color: rgb(166, 1,  
160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor