

Converting Colors

CIELCh(39, 84.723, 327.547)

Have a look what the booklet for
CIELCh(39, 84.723, 327.547)
contains.

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Color

CIELCh(39, 84.241, 327.529)

Conversions

Conversions Part 1

Format	Color
Hex	A400A7
RGB	164, 0, 167
RGB Percent	64%, 0%, 65%
CMY	0.3573, 1.0000, 0.3455
CMYK	0.02, 1.00, 0.00, 0.35
HSL	299°, 100%, 33%
HSV	299°, 100%, 65%
XYZ	22.2471, 10.6589, 37.3903
YIQ	68.0740, 44.1370, 86.7050

Conversions

Conversions Part 2

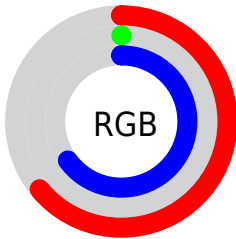
Format	Color
RYB	164, 0, 167
Decimal	10748071
CIELab	39.00, 71.07, -45.23
CIELCh	39, 84.241, 327.529
Yxy	10.6589, 0.3165, 0.1516
Android (android.graphics.Color)	4288938151 (0xFFA400A7)
YUV	68.0740, 48.7705, 84.1271
Hunter-Lab	32.6480, 64.4996, -45.0485

Details

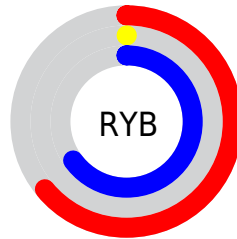
The CIELCh color **39, 84.241, 327.529** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **60, 87.100, 135.932**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 84.113, 327.550**, and **25, 64.010, 325.930** is the 20% darker color. If you saturate the color by 10%, you get **39, 84.200, 327.527**, and if you desaturate by 10%, it is **40, 81.968, 327.490**.

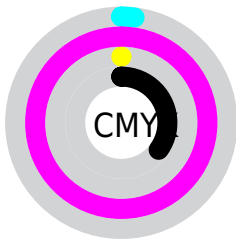
Distribution



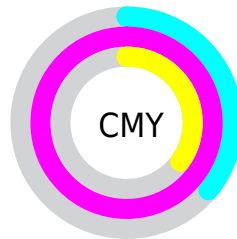
- Red (64%)
- Green (0%)
- Blue (65%)



- Red (64%)
- Yellow (0%)
- Blue (65%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)




- Cyan (36%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 84.241, 327.529 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, 84.241, 327.529 by changing the saturation by 10% instead.

 39, 84.241,
327.529


 39, 84.241,
327.529

 100, 84.241,
327.529

 29, 84.241,
327.529

 59, 84.241,
327.529

 19, 84.241,
327.529


 69, 84.241,
327.529

 9, 84.241, 327.529

 79, 84.241,
327.529

 0, 84.241, 327.529

 89, 84.241,
327.529

 99, 84.241,
327.529

■ 39, 84.241,
327.529

■ 39, 84.241,
327.529

■ 39, 84.200,
327.527

■ 40, 81.968,
327.490

■ 41, 78.063,
327.374

■ 43, 72.092,
327.158

■ 45, 64.281,
326.849

■ 48, 55.012,
326.462

■ 52, 44.715,
326.015

■ 56, 33.783,
325.524

■ 60, 22.540,

325.005

■ 64, 11.225,
324.470

Harmonies

Complementary

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



39, 84.241, 327.529



60, 87.100, 135.932

Rectangle

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



39, 84.241, 327.529



39, 84.241, 17.529



39, 84.241, 147.529



39, 84.241, 197.529

Sweetspot

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



39, 84.200, 327.527



71, 41.783, 325.551



20, 95.827, 305.834



36, 28.671, 325.754



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, 84.200, 327.527



51, 102.304, 327.514



36, 62.192, 358.545



33, 6.393, 324.431



34, 77.051, 327.534



2, 11.578, 323.762

Inverse Universe

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



34, 75.212, 39.112



45, 91.734, 39.393



60, 66.778, 147.719



33, 3.723, 18.447



30, 68.381, 38.643



1, 6.576, 18.114

Previews

White Background



This preview shows how the CIE LCh color 39, 84.241, 327.529 looks on a white background.

Color Contrast Check

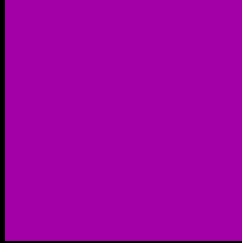
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.241, 327.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

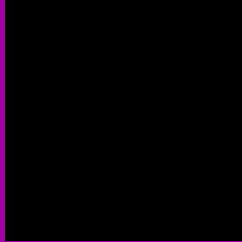
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 84.241, 327.529

Background



This preview shows how black text looks on a background with the CIELCh color 39, 84.241, 327.529.

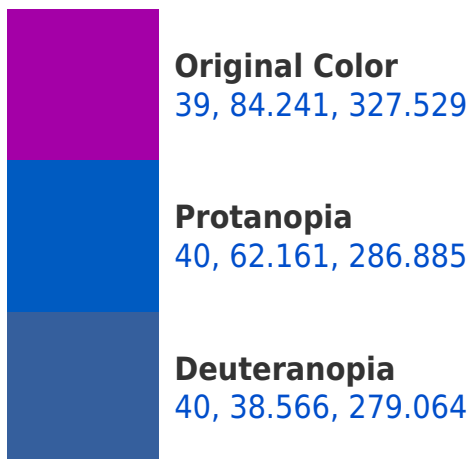


This preview shows how white text looks on a background with the CIELCh color 39, 84.241, 327.529.

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, 40.006, 23.112

Trichromacy



Original Color
39, 84.241, 327.529



Protanomaly
33, 77.597, 301.604



Deuteranomaly
34, 62.738, 307.363



Tritanomaly
38, 53.242, 349.785

Monochromacy



Original Color
39, 84.241, 327.529



Achromatopsia
29, 0.005, 296.813



Achromatomaly
28, 43.177, 326.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 84.241, 327.529 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(164, 0, 167)` looks like.

```
.text, #text, p{  
    color:rgb(164, 0, 167)  
}
```

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(164, 0, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 0, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 84.241, 327.529 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(164, 0, 167) }
```

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

```
.border{ border-color:rgb(164, 0, 167) }
```

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

Here you see how a box with a 4 pixel rgb(164, 0, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 0, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 0, 167);  
box-shadow:4px 4px 4px 4px rgb(164, 0,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 84.241, 327.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 0, 167) }
```

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

```
.background{ background-color: rgb(164, 0,  
167) }
```

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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