

Converting Colors

CIELCh(39, 94.852, 320.688)

Have a look what the booklet for
CIELCh(39, 94.852, 320.688)
contains.

CIELCh(39, 94.863, 320.731)	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, 94.863, 320.731)

Conversions

Conversions Part 1

Format	Color
Hex	9A01C0
RGB	154, 1, 192
RGB Percent	60%, 0%, 75%
CMY	0.3972, 0.9954, 0.2482
CMYK	0.20, 0.99, 0.00, 0.25
HSL	288°, 99%, 38%
HSV	288°, 99%, 75%
XYZ	22.7644, 10.6589, 50.5581
YIQ	68.5210, 29.8770, 91.8370

Conversions

Conversions Part 2

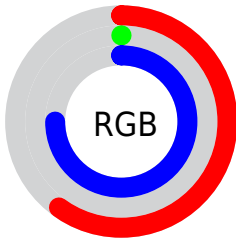
Format	Color
RYB	154, 1, 192
Decimal	10092992
CIELab	39.00, 73.44, -60.04
CIELCh	39, 94.863, 320.731
Yxy	10.6589, 0.2711, 0.1269
Android (android.graphics.Color)	4288283072 (0xFF9A01C0)
YUV	68.5210, 60.8751, 74.9651
Hunter-Lab	32.6480, 67.3281, -68.9618

Details

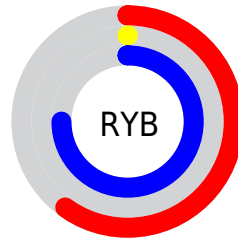
The CIELCh color **39, 94.863, 320.731** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **68, 94.741, 134.672**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 95.036, 320.847**, and **25, 75.343, 317.615** is the 20% darker color. If you saturate the color by 10%, you get **39, 95.026, 320.705**, and if you desaturate by 10%, it is **40, 91.909, 321.148**.

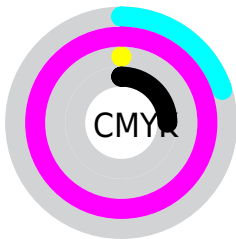
Distribution



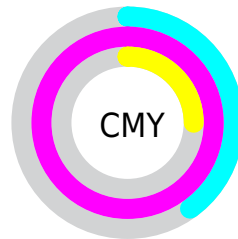
- Red (60%)
- Green (0%)
- Blue (75%)



- Red (60%)
- Yellow (0%)
- Blue (75%)



- Cyan (20%)
- Magenta (99%)
- Yellow (0%)
- Black (25%)





- Cyan (40%)
- Magenta (100%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 94.863, 320.731 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, 94.863, 320.731 by changing the saturation by 10% instead.


 39, 94.863,
320.731


 39, 94.863,
320.731

 100, 94.863,
320.731


 29, 94.863,
320.731

 59, 94.863,
320.731


 19, 94.863,
320.731


 69, 94.863,
320.731

 9, 94.863, 320.731

 79, 94.863,
320.731

 0, 94.863, 320.731

 89, 94.863,
320.731

 99, 94.863,
320.731

■ 39, 94.863,
320.731

■ 39, 94.863,
320.731

■ 39, 95.026,
320.705

■ 40, 91.909,
321.148

■ 43, 86.733,
321.361

■ 46, 79.207,
321.364

■ 49, 69.786,
321.198

■ 53, 59.022,
320.909

■ 58, 47.427,
320.539

■ 62, 35.407,
320.119

■ 68, 23.256,

319.674

■ 73, 11.173,
319.220

Harmonies

Complementary

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



39, 94.863, 320.731



68, 94.741, 134.672

Rectangle

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



39, 94.863, 320.731



39, 94.863, 10.731



39, 94.863, 140.731



39, 94.863, 190.731

Sweetspot

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



39, 94.862, 320.731



79, 44.839, 320.166



27, 94.123, 302.369



39, 30.592, 320.348



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



39, 94.862, 320.731



51, 116.034, 320.592



43, 74.409, 344.826



38, 6.809, 319.219



32, 83.333, 320.796



3, 21.993, 317.493

Inverse Universe

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



40, 74.784, 29.350



52, 92.460, 30.594



68, 85.383, 141.197



38, 4.328, 4.092



33, 65.447, 28.856



3, 14.286, 8.648

Previews

White Background



This preview shows how the CIELCh color 39, 94.863, 320.731 looks on a white background.

Color Contrast Check

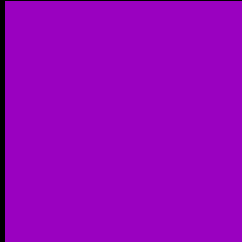
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.863, 320.731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

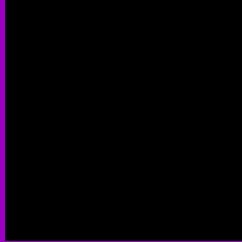
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 94.863, 320.731

Background



This preview shows how black text looks on a background with the CIELCh color 39, 94.863, 320.731.



This preview shows how white text looks on a background with the CIELCh color 39, 94.863, 320.731.

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, 94.987, 320.745

Protanopia

40, 61.041, 286.408

Deuteranopia

40, 45.407, 275.734



Tritanopia
40, 28.511, 16.948

Trichromacy



Original Color
39, 94.987, 320.745

Protanomaly
33, 81.555, 301.439

Deuteranomaly
33, 71.256, 299.691

Tritanomaly
37, 52.894, 336.755

Monochromacy



Original Color
39, 94.987, 320.745

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 47.250, 321.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 94.863, 320.731 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(154, 1, 192)` looks like.

```
.text, #text, p{  
    color:rgb(154, 1, 192)  
}
```

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(154, 1, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 1, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 94.863, 320.731 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(154, 1, 192) }
```

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

```
.border{ border-color:rgb(154, 1, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 1, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 1, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 1, 192);  
box-shadow:4px 4px 4px 4px rgb(154, 1,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 94.863, 320.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 1, 192) }
```

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

```
.background{ background-color: rgb(154, 1,  
192) }
```

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