

Converting Colors

CIELCh(39, 94.941, 320.492)

Have a look what the booklet for
CIELCh(39, 94.941, 320.492)
contains.

CIELCh(39, 94.809, 320.533)	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, 94.809, 320.533)

Conversions

Conversions Part 1

Format	Color
Hex	9903C0
RGB	153, 3, 192
RGB Percent	60%, 1%, 75%
CMY	0.3997, 0.9874, 0.2468
CMYK	0.20, 0.98, 0.00, 0.25
HSL	288°, 97%, 38%
HSV	288°, 98%, 75%
XYZ	22.7095, 10.6589, 50.7730
YIQ	69.3960, 28.7310, 90.5790

Conversions

Conversions Part 2

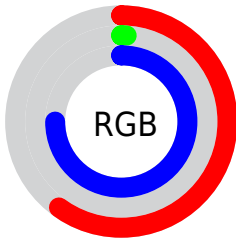
Format	Color
RYB	153, 3, 192
Decimal	10027968
CIELab	39.00, 73.19, -60.26
CIELCh	39, 94.809, 320.533
Yxy	10.6589, 0.2699, 0.1267
Android (android.graphics.Color)	4288218048 (0xFF9903C0)
YUV	69.3960, 60.4438, 73.3207
Hunter-Lab	32.6480, 67.0282, -69.3520

Details

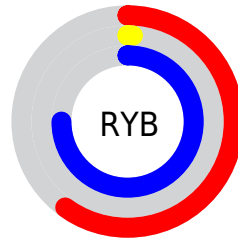
The CIELCh color **39, 94.809, 320.533** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **68, 94.444, 134.561**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 94.570, 320.613**, and **24, 75.441, 317.389** is the 20% darker color. If you saturate the color by 10%, you get **39, 95.260, 320.459**, and if you desaturate by 10%, it is **41, 91.672, 320.950**.

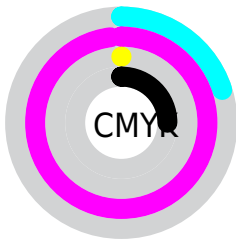
Distribution



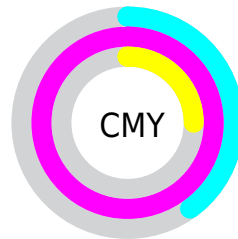
- Red (60%)
- Green (1%)
- Blue (75%)



- Red (60%)
- Yellow (1%)
- Blue (75%)



- Cyan (20%)
- Magenta (98%)
- Yellow (0%)
- Black (25%)





- Cyan (40%)
- Magenta (99%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 94.809, 320.533 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, 94.809, 320.533 by changing the saturation by 10% instead.


 39, 94.809,
320.533


 39, 94.809,
320.533

 100, 94.809,
320.533

 29, 94.809,
320.533

 59, 94.809,
320.533


 19, 94.809,
320.533

 69, 94.809,
320.533

 9, 94.809, 320.533

 79, 94.809,
320.533

 0, 94.809, 320.533

 89, 94.809,
320.533

 99, 94.809,
320.533

■ 39, 94.809,
320.533

■ 39, 94.809,
320.533

■ 39, 95.260,
320.459

■ 41, 91.672,
320.950

■ 43, 86.186,
321.147

■ 46, 78.385,
321.134

■ 49, 68.753,
320.955

■ 54, 57.848,
320.657

■ 58, 46.170,
320.280

■ 63, 34.113,
319.857

■ 68, 21.959,

319.413

■ 73, 9.894, 318.959

Harmonies

Complementary

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



39, 94.809, 320.533



68, 94.444, 134.561

Rectangle

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



39, 94.809, 320.533



39, 94.809, 10.533



39, 94.809, 140.533



39, 94.809, 190.533

Sweetspot

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



39, 94.808, 320.533



80, 43.266, 319.907



28, 91.585, 301.541



40, 29.698, 320.092



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, 94.808, 320.533



51, 116.158, 320.343



43, 75.258, 343.439



38, 6.796, 319.008



32, 83.417, 320.554



3, 21.931, 317.184

Inverse Universe

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



40, 74.003, 28.301



52, 92.025, 30.076



68, 85.988, 140.880



38, 4.339, 3.564



33, 65.157, 28.321



3, 14.305, 8.281

Previews

White Background



This preview shows how the CIELCh color 39, 94.809, 320.533 looks on a white background.

Color Contrast Check

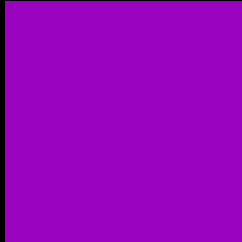
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.809, 320.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

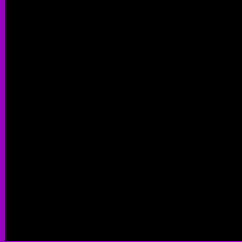
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 94.809, 320.533

Background



This preview shows how black text looks on a background with the CIELCh color 39, 94.809, 320.533.



This preview shows how white text looks on a background with the CIELCh color 39, 94.809, 320.533.

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, 94.809, 320.533

Protanopia

40, 61.041, 286.408

Deuteranopia

40, 44.876, 275.276



Tritanopia
39, 28.064, 16.751

Trichromacy



Original Color
39, 94.809, 320.533



Protanomaly
33, 80.939, 301.212



Deuteranomaly
33, 70.689, 299.627



Tritanomaly
37, 52.257, 336.415

Monochromacy



Original Color
39, 94.809, 320.533



Achromatopsia
30, 0.005, 296.813



Achromatomaly
29, 46.030, 320.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 94.809, 320.533 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(153, 3, 192)` looks like.

```
.text, #text, p{  
    color:rgb(153, 3, 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(153, 3, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 3, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 94.809, 320.533 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(153, 3, 192) }
```

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

```
.border{ border-color:rgb(153, 3, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 3, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 3, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 3, 192);  
box-shadow:4px 4px 4px 4px rgb(153, 3,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 94.809, 320.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 3, 192) }
```

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

```
.background{ background-color: rgb(153, 3,  
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