

Converting Colors

CIELCh(33, 111.143, 324.334)

Have a look what the booklet for
CIELCh(33, 111.143, 324.334)
contains.

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Color

CIELCh(39, 91.151, 322.590)

Conversions

Conversions Part 1

Format	Color
Hex	9D02B8
RGB	157, 2, 184
RGB Percent	62%, 1%, 72%
CMY	0.3849, 0.9906, 0.2791
CMYK	0.15, 0.99, 0.00, 0.28
HSL	291°, 97%, 37%
HSV	291°, 99%, 72%
XYZ	22.5366, 10.6589, 46.1219
YIQ	69.0930, 33.9580, 89.4620

Conversions

Conversions Part 2

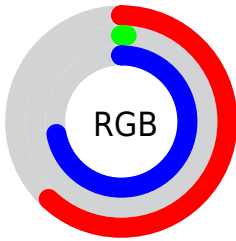
Format	Color
R_{YB}	157, 2, 184
Decimal	10289848
CIE _{Lab}	39.00, 72.40, -55.38
CIE _{LCh}	39, 91.151, 322.590
Yxy	10.6589, 0.2841, 0.1344
Android (android.graphics.Color)	4288479928 (0xFF9D02B8)
YUV	69.0930, 56.6492, 77.0944
Hunter-Lab	32.6480, 66.0826, -60.9054

Details

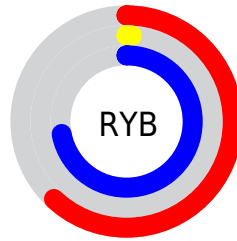
The CIELCh color **39, 91.151, 322.590** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **65, 92.247, 135.186**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 91.214, 322.628**, and **25, 71.702, 319.868** is the 20% darker color. If you saturate the color by 10%, you get **39, 91.470, 322.549**, and if you desaturate by 10%, it is **40, 88.347, 322.890**.

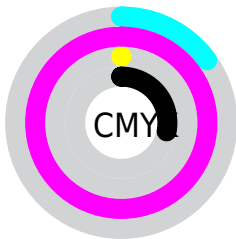
Distribution



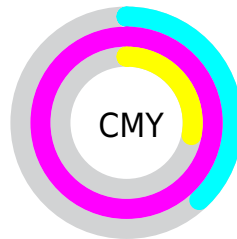
- Red (62%)
- Green (1%)
- Blue (72%)



- Red (62%)
- Yellow (1%)
- Blue (72%)



- Cyan (15%)
- Magenta (99%)
- Yellow (0%)
- Black (28%)





- Cyan (38%)
- Magenta (99%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 91.151, 322.590 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, 91.151, 322.590 by changing the saturation by 10% instead.


 39, 91.151,
322.590


 39, 91.151,
322.590

 100, 91.151,
322.590


 29, 91.151,
322.590

 59, 91.151,
322.590


 19, 91.151,
322.590


 69, 91.151,
322.590

 9, 91.151, 322.590

 79, 91.151,
322.590

 0, 91.151, 322.590

 89, 91.151,
322.590

 99, 91.151,
322.590

■ 39, 91.151,
322.590

■ 39, 91.151,
322.590

■ 39, 91.470,
322.549

■ 40, 88.347,
322.890

■ 42, 83.390,
323.015

■ 45, 76.188,
322.961

■ 48, 67.143,
322.762

■ 52, 56.760,
322.452

■ 56, 45.522,
322.065

■ 61, 33.827,
321.632

■ 65, 21.970,

321.173

■ 70, 10.153,
320.701

Harmonies

Complementary

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



39, 91.151, 322.590



65, 92.247, 135.186

Rectangle

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



39, 91.151, 322.590



39, 91.151, 12.590



39, 91.151, 142.590



39, 91.151, 192.590

Sweetspot

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



39, 91.150, 322.590



77, 43.869, 321.712



25, 95.088, 303.637



38, 29.896, 321.896



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



39, 91.150, 322.590



51, 111.642, 322.458



41, 69.986, 348.424



36, 6.606, 320.732



33, 80.834, 322.618



3, 17.570, 318.443

Inverse Universe

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



38, 74.453, 32.458



50, 92.597, 33.907



65, 79.267, 143.034



36, 4.074, 8.002



32, 65.979, 32.309



2, 10.792, 10.444

Previews

White Background



This preview shows how the CIELCh color 39, 91.151, 322.590 looks on a white background.

Color Contrast Check

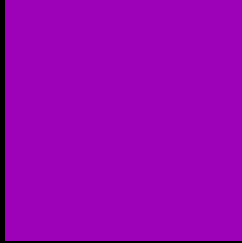
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91.151, 322.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

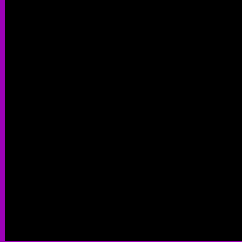
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 91.151, 322.590

Background



This preview shows how black text looks on a background with the CIELCh color 39, 91.151, 322.590.

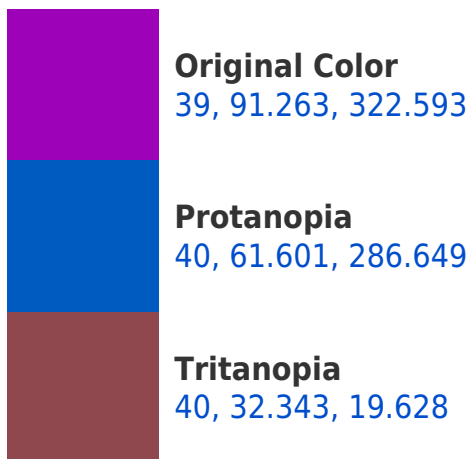


This preview shows how white text looks on a background with the CIELCh color 39, 91.151, 322.590.

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



Trichromacy



Original Color
39, 91.263, 322.593

Protanomaly
33, 79.815, 301.230

Tritanomaly
37, 52.307, 340.783

Monochromacy



Original Color
39, 91.263, 322.593

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 45.196, 322.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 91.151, 322.590 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(157, 2, 184)` looks like.

```
.text, #text, p{  
    color:rgb(157, 2, 184)  
}
```

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(157, 2, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 2, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 91.151, 322.590 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(157, 2, 184) }
```

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

```
.border{ border-color:rgb(157, 2, 184) }
```

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

Here you see how a box with a 4 pixel rgb(157, 2, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 2, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 2, 184);  
box-shadow:4px 4px 4px 4px rgb(157, 2,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 91.151, 322.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 2, 184) }
```

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

```
.background{ background-color: rgb(157, 2,  
184) }
```

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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