

Converting Colors

CIELCh(39, 71.012, 330.869)

Have a look what the booklet for
CIELCh(39, 71.012, 330.869)
contains.

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Color

CIELCh(39, 70.864, 330.815)

Conversions

Conversions Part 1

Format	Color
Hex	9F2195
RGB	159, 33, 149
RGB Percent	62%, 13%, 58%
CMY	0.3759, 0.8698, 0.4151
CMYK	0.00, 0.79, 0.06, 0.38
HSL	305°, 65%, 38%
HSV	305°, 79%, 62%
XYZ	20.3126, 10.6589, 29.4783
YIQ	83.8980, 37.8600, 62.7880

Conversions

Conversions Part 2

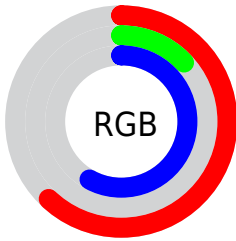
Format	Color
R_{YB}	159, 33, 149
Decimal	10428821
CIE _{Lab}	39.00, 61.87, -34.56
CIE _{LCh}	39, 70.864, 330.815
Yxy	10.6589, 0.3360, 0.1763
Android (android.graphics.Color)	4288618901 (0xFF9F2195)
YUV	83.8980, 32.0953, 65.8645
Hunter-Lab	32.6480, 53.9234, -30.6800

Details

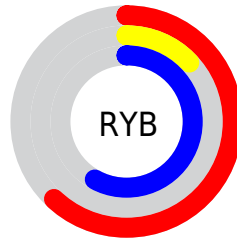
The CIELCh color **39, 70.864, 330.815** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **57, 73.744, 138.916**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 71.274, 330.744**, and **23, 57.276, 330.148** is the 20% darker color. If you saturate the color by 10%, you get **38, 74.392, 331.218**, and if you desaturate by 10%, it is **41, 65.368, 330.377**.

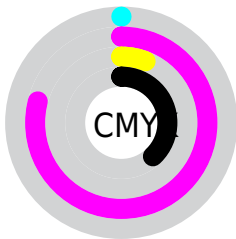
Distribution



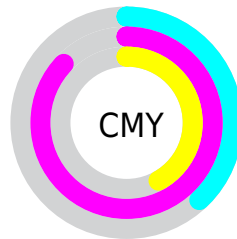
- Red (62%)
- Green (13%)
- Blue (58%)



- Red (62%)
- Yellow (13%)
- Blue (58%)



- Cyan (0%)
- Magenta (79%)
- Yellow (6%)
- Black (38%)





- Cyan (38%)
- Magenta (87%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 70.864, 330.815 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, 70.864, 330.815 by changing the saturation by 10% instead.


 39, 70.864,
330.815


 39, 70.864,
330.815

 100, 70.864,
330.815


 29, 70.864,
330.815

 59, 70.864,
330.815


 19, 70.864,
330.815


 69, 70.864,
330.815

 9, 70.864, 330.815

 79, 70.864,
330.815

 0, 70.864, 330.815

 89, 70.864,
330.815

 99, 70.864,
330.815

■ 39, 70.864,
330.815

■ 39, 70.864,
330.815

■ 38, 74.392,
331.218

■ 41, 65.368,
330.377

■ 37, 76.240,
331.598

■ 43, 58.155,
329.901

■ 37, 76.385,
331.630

■ 46, 49.603,
329.389

■ 50, 40.119,
328.849

■ 54, 30.073,
328.290

■ 57, 19.759,
327.721

■ 62, 9.394, 327.144

■ 66, 0.870, 146.882

■ 70, 10.939,
146.095

Harmonies

Complementary

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



39, 70.864, 330.815



57, 73.744, 138.916

Rectangle

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



39, 70.864, 330.815



39, 70.864, 20.815



39, 70.864, 150.815



39, 70.864, 200.815

Sweetspot

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



39, 70.862, 330.815



71, 30.654, 328.024



24, 79.471, 304.151



36, 21.217, 328.215



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



39, 70.862, 330.815



48, 91.936, 331.510



36, 54.048, 359.749



31, 5.781, 327.150



33, 70.599, 331.596



1, 7.433, 327.168

Inverse Universe

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



39, 70.862, 330.815



48, 91.936, 331.510



58, 50.060, 157.385



31, 5.781, 327.150



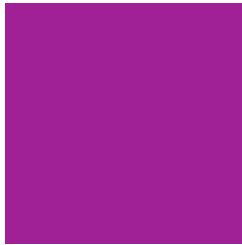
33, 70.599, 331.596



1, 7.433, 327.168

Previews

White Background



This preview shows how the CIELCh color 39, 70.864, 330.815 looks on a white background.

Color Contrast Check

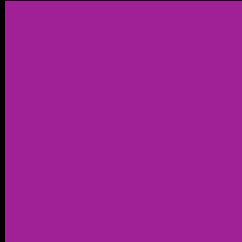
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70.864, 330.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

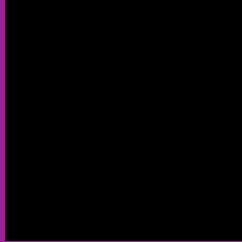
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 70.864, 330.815

Background



This preview shows how black text looks on a background with the CIELCh color 39, 70.864, 330.815.



This preview shows how white text looks on a background with the CIELCh color 39, 70.864, 330.815.

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, 70.864, 330.815

Protanopia

40, 61.671, 286.878

Deuteranopia

40, 29.777, 280.678



Tritanopia
39, 39.637, 23.080

Trichromacy



Original Color
39, 70.864, 330.815

Protanomaly
35, 66.053, 297.767

Deuteranomaly
37, 46.092, 309.260

Tritanomaly
38, 46.425, 355.226

Monochromacy



Original Color
39, 70.864, 330.815

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 31.203, 328.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 70.864, 330.815 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(159, 33, 149)` looks like.

```
.text, #text, p{  
    color:rgb(159, 33, 149)  
}
```

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(159, 33, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 33, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 70.864, 330.815 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(159, 33, 149) }
```

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

```
.border{ border-color:rgb(159, 33, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 33, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 33, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 33, 149);  
box-shadow:4px 4px 4px 4px rgb(159, 33,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 70.864, 330.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 33, 149) }
```

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

```
.background{ background-color: rgb(159, 33,  
149) }
```

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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