

Converting Colors

CIELCh(39, 86.880, 325.636)

Have a look what the booklet for
CIELCh(39, 86.880, 325.636)
contains.

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Color

CIELCh(39, 86.710, 325.758)

Conversions

Conversions Part 1

Format	Color
Hex	A200AD
RGB	162, 0, 173
RGB Percent	64%, 0%, 68%
CMY	0.3655, 1.0000, 0.3223
CMYK	0.06, 1.00, 0.00, 0.32
HSL	296°, 100%, 34%
HSV	296°, 100%, 68%
XYZ	22.3793, 10.6589, 40.3181
YIQ	68.1600, 41.0190, 88.1470

Conversions

Conversions Part 2

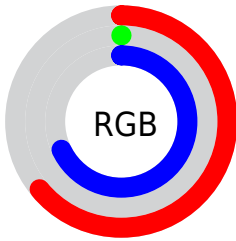
Format	Color
RYB	162, 0, 173
Decimal	10617005
CIELab	39.00, 71.68, -48.79
CIELCh	39, 86.710, 325.758
Yxy	10.6589, 0.3051, 0.1453
Android (android.graphics.Color)	4288807085 (0xFFA200AD)
YUV	68.1600, 51.6861, 82.2977
Hunter-Lab	32.6480, 65.2227, -50.3655

Details

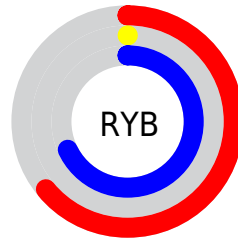
The CIELCh color **39, 86.710, 325.758** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **62, 89.125, 135.729**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 86.861, 325.880**, and **25, 66.767, 323.589** is the 20% darker color. If you saturate the color by 10%, you get **39, 86.642, 325.754**, and if you desaturate by 10%, it is **40, 84.288, 325.847**.

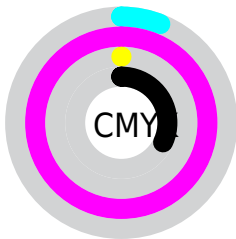
Distribution



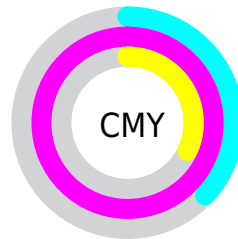
- Red (64%)
- Green (0%)
- Blue (68%)



- Red (64%)
- Yellow (0%)
- Blue (68%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)





- Cyan (37%)
- Magenta (100%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 86.710, 325.758 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, 86.710, 325.758 by changing the saturation by 10% instead.


 39, 86.710,
325.758


 39, 86.710,
325.758

 100, 86.710,
325.758


 29, 86.710,
325.758

 59, 86.710,
325.758


 19, 86.710,
325.758


 69, 86.710,
325.758

 9, 86.710, 325.758

 79, 86.710,
325.758

 0, 86.710, 325.758

 89, 86.710,
325.758

 99, 86.710,
325.758

■ 39, 86.710,
325.758

■ 39, 86.710,
325.758

■ 39, 86.642,
325.754

■ 40, 84.288,
325.847

■ 41, 80.150,
325.833

■ 43, 73.868,
325.691

■ 46, 65.716,
325.435

■ 49, 56.119,
325.087

■ 53, 45.528,
324.670

■ 57, 34.344,
324.205

■ 62, 22.887,

323.713

■ 66, 11.388,
323.204

Harmonies

Complementary

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



39, 86.710, 325.758



62, 89.125, 135.729

Rectangle

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



39, 86.710, 325.758



39, 86.710, 15.758



39, 86.710, 145.758



39, 86.710, 195.758

Sweetspot

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



39, 86.642, 325.754



73, 42.468, 324.231



21, 96.865, 305.417



36, 28.890, 324.423



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



39, 86.642, 325.754



51, 105.311, 325.711



37, 64.467, 355.640



34, 6.462, 323.168



34, 78.237, 325.781



2, 13.456, 321.928

Inverse Universe

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



36, 75.411, 37.319



47, 92.392, 37.956



62, 70.839, 146.156



34, 3.826, 14.754



31, 67.700, 36.844



2, 7.832, 15.088

Previews

White Background



This preview shows how the CIELCh color 39, 86.710, 325.758 looks on a white background.

Color Contrast Check

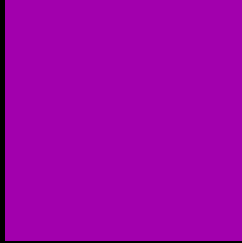
Large Text (above 18pt) WCAG AA ✓ Pass

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, 86.710, 325.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

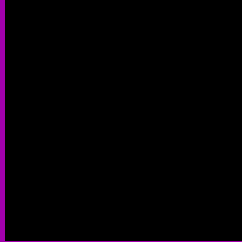
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 86.710, 325.758

Background



This preview shows how black text looks on a background with the CIELCh color 39, 86.710, 325.758.



This preview shows how white text looks on a background with the CIELCh color 39, 86.710, 325.758.

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, 86.710, 325.758

Protanopia

40, 62.161, 286.885

Deuteranopia

40, 41.784, 278.486



Tritanopia
40, 37.643, 22.365

Trichromacy



Original Color
39, 86.710, 325.758



Protanomaly
33, 78.728, 301.563



Deuteranomaly
34, 65.625, 305.429



Tritanomaly
37, 53.159, 346.499

Monochromacy



Original Color
39, 86.710, 325.758



Achromatopsia
29, 0.005, 296.813



Achromatomaly
28, 44.030, 325.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 86.710, 325.758 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(162, 0, 173)` looks like.

```
.text, #text, p{  
    color:rgb(162, 0, 173)  
}
```

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(162, 0, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 0, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 86.710, 325.758 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(162, 0, 173) }
```

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

```
.border{ border-color:rgb(162, 0, 173) }
```

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

Here you see how a box with a 4 pixel rgb(162, 0, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 0, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 0, 173);  
box-shadow:4px 4px 4px 4px rgb(162, 0,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 86.710, 325.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 0, 173) }
```

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

```
.background{ background-color: rgb(162, 0,  
173) }
```

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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