

Converting Colors

CIELCh(31, 114.101, 328.189)

Have a look what the booklet for
CIELCh(31, 114.101, 328.189)
contains.

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Color

CIELCh(39, 85.435, 326.852)

Conversions

Conversions Part 1

Format	Color
Hex	A300A9
RGB	163, 0, 169
RGB Percent	64%, 0%, 66%
CMY	0.3595, 1.0000, 0.3358
CMYK	0.04, 1.00, 0.00, 0.34
HSL	298°, 100%, 33%
HSV	298°, 100%, 66%
XYZ	22.3469, 10.6589, 38.5960
YIQ	68.0030, 42.8990, 87.1150

Conversions

Conversions Part 2

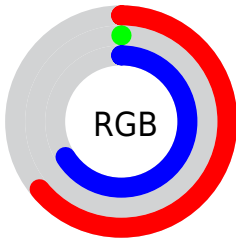
Format	Color
R_{YB}	163, 0, 169
Decimal	10682537
CIE _{Lab}	39.00, 71.53, -46.72
CIE _{LCh}	39, 85.435, 326.852
Yxy	10.6589, 0.3121, 0.1489
Android (android.graphics.Color)	4288872617 (0xFFA300A9)
YUV	68.0030, 49.7915, 83.3124
Hunter-Lab	32.6480, 65.0456, -47.2381

Details

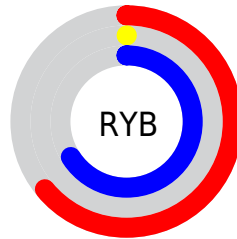
The CIELCh color **39, 85.435, 326.852** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **60, 87.956, 135.852**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 85.297, 326.916**, and **25, 64.931, 325.011** is the 20% darker color. If you saturate the color by 10%, you get **39, 85.201, 326.839**, and if you desaturate by 10%, it is **40, 82.926, 326.853**.

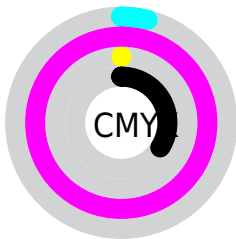
Distribution



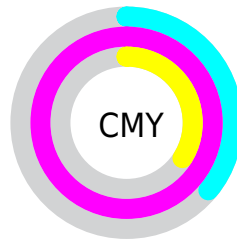
- Red (64%)
- Green (0%)
- Blue (66%)



- Red (64%)
- Yellow (0%)
- Blue (66%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (34%)





- Cyan (36%)
- Magenta (100%)
- Yellow (34%)
- Black (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 85.435, 326.852 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, 85.435, 326.852 by changing the saturation by 10% instead.


 39, 85.435,
326.852


 39, 85.435,
326.852

 100, 85.435,
326.852


 29, 85.435,
326.852

 59, 85.435,
326.852


 19, 85.435,
326.852


 69, 85.435,
326.852

 9, 85.435, 326.852

 79, 85.435,
326.852

 0, 85.435, 326.852

 89, 85.435,
326.852

 99, 85.435,
326.852

■ 39, 85.435,
326.852

■ 39, 85.435,
326.852

■ 39, 85.201,
326.839

■ 40, 82.926,
326.853

■ 41, 78.932,
326.778

■ 43, 72.839,
326.592

■ 46, 64.893,
326.304

■ 49, 55.491,
325.933

■ 52, 45.071,
325.498

■ 56, 34.032,
325.018

■ 61, 22.696,

324.510

■ 65, 11.299,
323.985

Harmonies

Complementary

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



39, 85.435, 326.852



60, 87.956, 135.852

Rectangle

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



39, 85.435, 326.852



39, 85.435, 16.852



39, 85.435, 146.852



39, 85.435, 196.852

Sweetspot

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



39, 85.201, 326.839



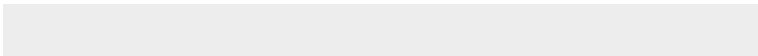
71, 41.987, 325.044



20, 96.133, 305.620



35, 28.545, 325.241



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



39, 85.201, 326.839



51, 103.306, 326.815



36, 63.171, 357.075



33, 6.359, 323.946



34, 77.123, 326.854



2, 11.488, 323.098

Inverse Universe

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



35, 75.342, 38.416



46, 91.854, 38.836



61, 68.648, 146.928



33, 3.724, 17.018



30, 67.759, 37.927



1, 6.582, 16.851

Previews

White Background



This preview shows how the CIELCh color 39, 85.435, 326.852 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, 85.435, 326.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

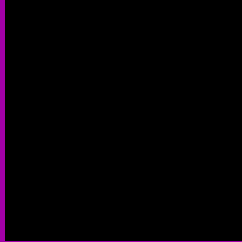
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 85.435, 326.852

Background



This preview shows how black text looks on a background with the CIELCh color 39, 85.435, 326.852.



This preview shows how white text looks on a background with the CIELCh color 39, 85.435, 326.852.

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, 85.064, 326.845

Protanopia

40, 62.161, 286.885

Deuteranopia

40, 39.851, 278.828



Tritanopia
40, 39.420, 22.152

Trichromacy



Original Color
39, 85.064, 326.845

Protanomaly
33, 77.628, 301.481

Deuteranomaly
34, 63.874, 306.740

Tritanomaly
37, 53.482, 348.258

Monochromacy



Original Color
39, 85.064, 326.845

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 43.652, 326.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 85.435, 326.852 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(163, 0, 169)` looks like.

```
.text, #text, p{  
  color:rgb(163, 0, 169)  
}
```

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(163, 0, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 0, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 85.435, 326.852 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(163, 0, 169) }
```

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

```
.border{ border-color:rgb(163, 0, 169) }
```

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

Here you see how a box with a 4 pixel rgb(163, 0, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 0, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 0, 169);  
box-shadow:4px 4px 4px 4px rgb(163, 0,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 85.435, 326.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 0, 169) }
```

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

```
.background{ background-color: rgb(163, 0,  
169) }
```

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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