

Converting Colors

CIELCh(39, 85.998, 323.295)

Have a look what the booklet for
CIELCh(39, 85.998, 323.295)
contains.

CIELCh(39, 85.958, 323.205)	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, 85.958, 323.205)

Conversions

Conversions Part 1

Format	Color
Hex	9B13B1
RGB	155, 19, 177
RGB Percent	61%, 7%, 69%
CMY	0.3912, 0.9236, 0.3049
CMYK	0.12, 0.89, 0.00, 0.30
HSL	292°, 80%, 39%
HSV	292°, 89%, 70%
XYZ	21.7660, 10.6589, 42.6299
YIQ	77.6760, 30.3380, 77.9700

Conversions

Conversions Part 2

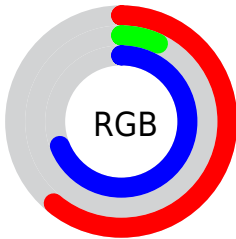
Format	Color
R_{YB}	155, 19, 177
Decimal	10163121
CIE _{Lab}	39.00, 68.83, -51.48
CIE _{LCh}	39, 85.958, 323.205
Yxy	10.6589, 0.2900, 0.1420
Android (android.graphics.Color)	4288353201 (0xFF9B13B1)
YUV	77.6760, 48.9667, 67.8131
Hunter-Lab	32.6480, 61.8694, -54.5637

Details

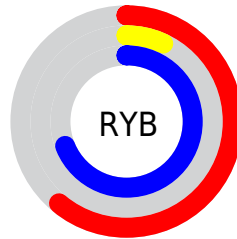
The CIELCh color **39, 85.958, 323.205** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **63, 86.649, 135.216**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 85.813, 323.241**, and **24, 68.536, 321.112** is the 20% darker color. If you saturate the color by 10%, you get **38, 88.679, 322.930**, and if you desaturate by 10%, it is **41, 81.209, 323.317**.

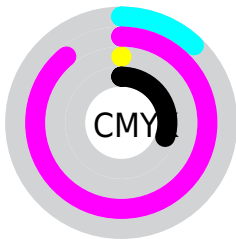
Distribution



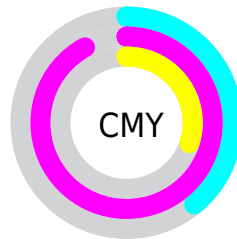
- Red (61%)
- Green (7%)
- Blue (69%)



- Red (61%)
- Yellow (7%)
- Blue (69%)



- Cyan (12%)
- Magenta (89%)
- Yellow (0%)
- Black (30%)





- Cyan (39%)
- Magenta (92%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 85.958, 323.205 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, 85.958, 323.205 by changing the saturation by 10% instead.


 39, 85.958,
323.205


 39, 85.958,
323.205

 100, 85.958,
323.205


 29, 85.958,
323.205

 59, 85.958,
323.205


 19, 85.958,
323.205


 69, 85.958,
323.205

 9, 85.958, 323.205

 79, 85.958,
323.205

 0, 85.958, 323.205

 89, 85.958,
323.205

 99, 85.958,
323.205

■ 39, 85.958,
323.205

■ 39, 85.958,
323.205

■ 38, 88.679,
322.930

■ 41, 81.209,
323.317

■ 38, 88.923,
322.902

■ 43, 74.285,
323.257

■ 47, 65.559,
323.054

■ 50, 55.516,
322.742

■ 54, 44.621,
322.355

■ 59, 33.264,
321.920

■ 63, 21.734,
321.460

■ 68, 10.234,

320.986

■ 73, 1.105, 140.734

Harmonies

Complementary

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



39, 85.958, 323.205



63, 86.649, 135.216

Rectangle

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



39, 85.958, 323.205



39, 85.958, 13.205



39, 85.958, 143.205



39, 85.958, 193.205

Sweetspot

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



39, 85.956, 323.205



75, 38.192, 321.850



27, 84.135, 301.367



38, 25.712, 321.999



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



39, 85.956, 323.205



49, 107.911, 322.815



40, 67.195, 346.201



35, 6.471, 321.001



32, 79.773, 322.960



2, 15.274, 318.738

Inverse Universe

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



38, 67.327, 28.322



48, 90.027, 34.340



63, 72.307, 145.038



35, 3.971, 8.723



31, 65.529, 32.831



2, 9.286, 10.527

Previews

White Background



This preview shows how the CIELCh color 39, 85.958, 323.205 looks on a white background.

Color Contrast Check

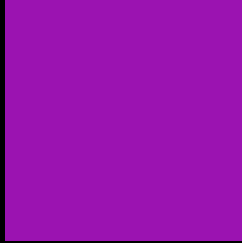
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85.958, 323.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

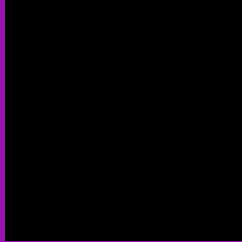
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 85.958, 323.205

Background



This preview shows how black text looks on a background with the CIELCh color 39, 85.958, 323.205.



This preview shows how white text looks on a background with the CIELCh color 39, 85.958, 323.205.

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, 85.958, 323.205

Protanopia

40, 61.110, 286.639

Deuteranopia

40, 45.134, 277.382



Tritanopia
39, 32.407, 19.693

Trichromacy



Original Color
39, 85.958, 323.205

Protanomaly
34, 74.467, 299.641

Deuteranomaly
35, 63.614, 299.668

Tritanomaly
38, 48.777, 342.559

Monochromacy



Original Color
39, 85.958, 323.205

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 39.520, 322.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 85.958, 323.205 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(155, 19, 177)` looks like.

```
.text, #text, p{  
    color:rgb(155, 19, 177)  
}
```

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(155, 19, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 19, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 85.958, 323.205 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(155, 19, 177) }
```

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

```
.border{ border-color:rgb(155, 19, 177) }
```

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

Here you see how a box with a 4 pixel rgb(155, 19, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 19, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 19, 177);  
box-shadow:4px 4px 4px 4px rgb(155, 19,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 85.958, 323.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 19, 177) }
```

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

```
.background{ background-color: rgb(155, 19,  
177) }
```

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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