

Converting Colors

CIELCh(39, 66.029, 327.734)

Have a look what the booklet for
CIELCh(39, 66.029, 327.734)
contains.

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Color

CIELCh(39, 65.933, 327.701)

Conversions

Conversions Part 1

Format	Color
Hex	962E96
RGB	150, 46, 150
RGB Percent	59%, 18%, 59%
CMY	0.4114, 0.8192, 0.4114
CMYK	0.00, 0.69, 0.00, 0.41
HSL	300°, 53%, 38%
HSV	300°, 69%, 59%
XYZ	19.0872, 10.6589, 29.9421
YIQ	88.9520, 28.6000, 54.3920

Conversions

Conversions Part 2

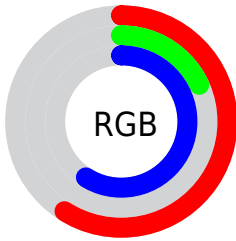
Format	Color
R_{YB}	150, 46, 150
Decimal	9842326
CIE _{Lab}	39.00, 55.73, -35.23
CIE _{LCh}	39, 65.933, 327.701
Yxy	10.6589, 0.3198, 0.1786
Android (android.graphics.Color)	4288032406 (0xFF962E96)
YUV	88.9520, 30.0967, 53.5391
Hunter-Lab	32.6480, 47.2235, -31.5223

Details

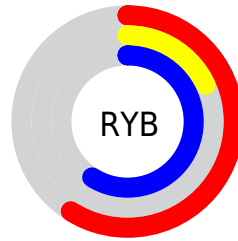
The CIELCh color **39, 65.933, 327.701** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **55, 66.994, 138.369**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 66.227, 327.644**, and **21, 57.856, 326.735** is the 20% darker color. If you saturate the color by 10%, you get **37, 71.594, 327.958**, and if you desaturate by 10%, it is **41, 58.622, 327.363**.

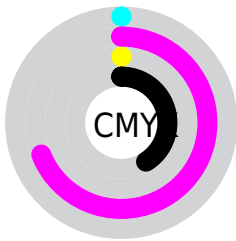
Distribution



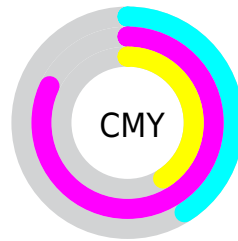
- Red (59%)
- Green (18%)
- Blue (59%)



- Red (59%)
- Yellow (18%)
- Blue (59%)



- Cyan (0%)
- Magenta (69%)
- Yellow (0%)
- Black (41%)





- Cyan (41%)
- Magenta (82%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 65.933, 327.701 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, 65.933, 327.701 by changing the saturation by 10% instead.


 39, 65.933,
327.701


 39, 65.933,
327.701

 100, 65.933,
327.701


 29, 65.933,
327.701

 59, 65.933,
327.701


 19, 65.933,
327.701


 69, 65.933,
327.701

 9, 65.933, 327.701

 79, 65.933,
327.701

 0, 65.933, 327.701

 89, 65.933,
327.701

 99, 65.933,
327.701

■ 39, 65.933,
327.701

■ 39, 65.933,
327.701

■ 37, 71.594,
327.958

■ 41, 58.622,
327.363

■ 36, 75.395,
328.127

■ 44, 50.014,
326.954

■ 35, 77.669,
328.228

■ 47, 40.489,
326.491

■ 35, 77.823,
328.235

■ 51, 30.399,
325.989

■ 54, 20.033,
325.462

■ 58, 9.608, 324.917

■ 62, 0.726, 144.694

■ 67, 10.867,
143.904

■ 71, 20.757,
143.389

Harmonies

Complementary

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



39, 65.933, 327.701



55, 66.994, 138.369

Rectangle

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



39, 65.933, 327.701



39, 65.933, 17.701



39, 65.933, 147.701



39, 65.933, 197.701

Sweetspot

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



39, 65.931, 327.701



69, 27.163, 325.576



26, 66.530, 301.298



35, 18.532, 325.710



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



39, 65.931, 327.701



48, 90.128, 328.061



37, 48.441, 352.176



29, 5.775, 324.912



32, 73.085, 328.235



1, 5.023, 324.440

Inverse Universe

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



39, 65.931, 327.701



48, 90.128, 328.061



55, 46.135, 155.616



29, 5.775, 324.912



32, 73.085, 328.235



1, 5.023, 324.440

Previews

White Background



This preview shows how the CIELCh color 39, 65.933, 327.701 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, 65.933, 327.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

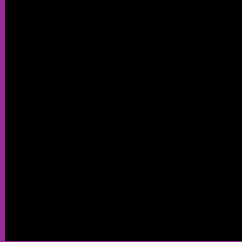
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 65.933, 327.701

Background



This preview shows how black text looks on a background with the CIELCh color 39, 65.933, 327.701.



This preview shows how white text looks on a background with the CIELCh color 39, 65.933, 327.701.

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, 65.933, 327.701

Deuteranopia
40, 31.088, 280.053

Tritanopia
39, 32.407, 19.693

Trichromacy



Original Color
39, 65.933, 327.701

Deuteranomaly
37, 43.666, 305.289

Tritanomaly
39, 40.309, 350.304

Monochromacy



Original Color
39, 65.933, 327.701

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 27.697, 326.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 65.933, 327.701 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(150, 46, 150)` looks like.

```
.text, #text, p{  
    color:rgb(150, 46, 150)  
}
```

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(150, 46, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 46, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 65.933, 327.701 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(150, 46, 150) }
```

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

```
.border{ border-color:rgb(150, 46, 150) }
```

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

Here you see how a box with a 4 pixel rgb(150, 46, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 46, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 46, 150);  
box-shadow:4px 4px 4px 4px rgb(150, 46,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 65.933, 327.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 46, 150) }
```

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

```
.background{ background-color: rgb(150, 46,  
150) }
```

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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