

Converting Colors

CIELCh(39, 72.571, 334.886)

Have a look what the booklet for
CIELCh(39, 72.571, 334.886)
contains.

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Color

CIELCh(39, 72.583, 334.978)

Conversions

Conversions Part 1

Format	Color
Hex	A7138F
RGB	167, 19, 143
RGB Percent	65%, 7%, 56%
CMY	0.3452, 0.9256, 0.4393
CMYK	0.00, 0.89, 0.14, 0.35
HSL	310°, 80%, 36%
HSV	310°, 89%, 65%
XYZ	21.1187, 10.6589, 26.9209
YIQ	77.3880, 48.4040, 69.9400

Conversions

Conversions Part 2

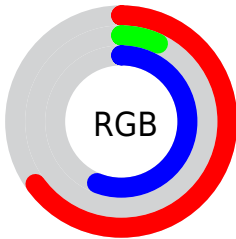
Format	Color
RYB	167, 19, 143
Decimal	10949519
CIELab	39.00, 65.77, -30.70
CIElCh	39, 72.583, 334.978
Yxy	10.6589, 0.3598, 0.1816
Android (android.graphics.Color)	4289139599 (0xFFA7138F)
YUV	77.3880, 32.3467, 78.5897
Hunter-Lab	32.6480, 58.3303, -26.0357

Details

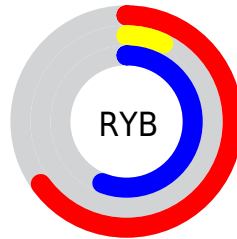
The CIELCh color **39, 72.583, 334.978** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **60, 78.429, 139.461**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 72.796, 335.111**, and **24, 55.059, 335.603** is the 20% darker color. If you saturate the color by 10%, you get **38, 74.061, 335.763**, and if you desaturate by 10%, it is **40, 69.258, 334.251**.

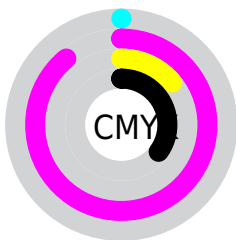
Distribution



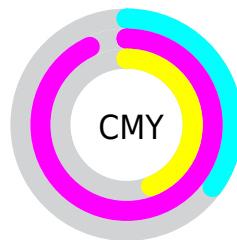
- Red (65%)
- Green (7%)
- Blue (56%)



- Red (65%)
- Yellow (7%)
- Blue (56%)



- Cyan (0%)
- Magenta (89%)
- Yellow (14%)
- Black (35%)





- Cyan (35%)
- Magenta (93%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 72.583, 334.978 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, 72.583, 334.978 by changing the saturation by 10% instead.


 39, 72.583,
334.978


 39, 72.583,
334.978

 100, 72.583,
334.978


 29, 72.583,
334.978

 59, 72.583,
334.978


 19, 72.583,
334.978

 69, 72.583,
334.978

 9, 72.583, 334.978

 79, 72.583,
334.978

 0, 72.583, 334.978

 89, 72.583,
334.978

 99, 72.583,
334.978

■ 39, 72.583,
334.978

■ 39, 72.583,
334.978

■ 38, 74.061,
335.763

■ 40, 69.258,
334.251

■ 38, 74.228,
335.870

■ 43, 63.899,
333.567

■ 45, 56.786,
332.904

■ 48, 48.330,
332.253

■ 52, 38.959,
331.609

■ 56, 29.051,
330.973

■ 60, 18.900,
330.345

■ 65, 8.720, 329.722

Harmonies

Complementary

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



39, 72.583, 334.978



60, 78.429, 139.461

Rectangle

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



39, 72.583, 334.978



39, 72.583, 24.978



39, 72.583, 154.978



39, 72.583, 204.978

Sweetspot

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



39, 72.581, 334.978



72, 33.869, 330.900



23, 89.982, 306.269



36, 22.984, 331.106



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, 72.581, 334.978



50, 89.952, 336.035



36, 59.182, 10.526



33, 5.748, 329.763



33, 67.984, 335.781



2, 10.039, 331.065

Inverse Universe

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



39, 72.581, 334.978



50, 89.952, 336.035



61, 51.124, 160.689



33, 5.748, 329.763



33, 67.984, 335.781



2, 10.039, 331.065

Previews

White Background



This preview shows how the CIELCh color 39, 72.583, 334.978 looks on a white background.

Color Contrast Check

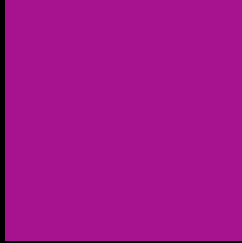
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 39, 72.583, 334.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

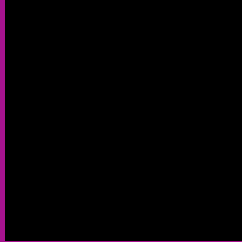
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 72.583, 334.978

Background



This preview shows how black text looks on a background with the CIELCh color 39, 72.583, 334.978.

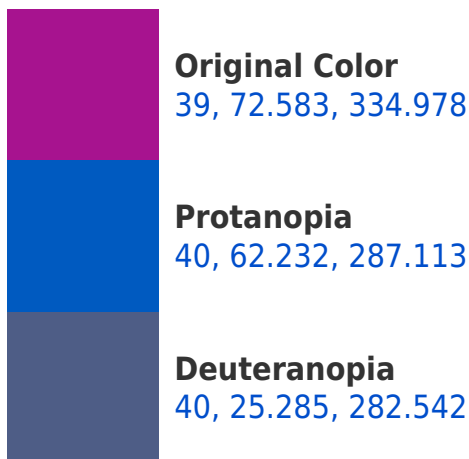


This preview shows how white text looks on a background with the CIELCh color 39, 72.583, 334.978.

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





Tritanopia
39, 47.178, 25.483

Trichromacy



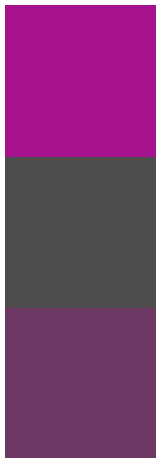
Original Color
39, 72.583, 334.978

Protanomaly
33, 68.129, 299.658

Deuteranomaly
36, 45.986, 315.318

Tritanomaly
38, 51.866, 0.964

Monochromacy



Original Color
39, 72.583, 334.978

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 34.644, 332.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 72.583, 334.978 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(167, 19, 143)` looks like.

```
.text, #text, p{  
    color:rgb(167, 19, 143)  
}
```

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(167, 19, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 19, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 72.583, 334.978 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(167, 19, 143) }
```

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

```
.border{ border-color:rgb(167, 19, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 19, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 19, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 19, 143);  
box-shadow:4px 4px 4px 4px rgb(167, 19,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 72.583, 334.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 19, 143) }
```

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

```
.background{ background-color: rgb(167, 19,  
143) }
```

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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