

Converting Colors

CIELCh(39, 24.068, 341.488)

Have a look what the booklet for
CIELCh(39, 24.068, 341.488)
contains.

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Color

CIELCh(39, 24.247, 340.849)

Conversions

Conversions Part 1

Format	Color
Hex	7A4E69
RGB	122, 78, 105
RGB Percent	48%, 31%, 41%
CMY	0.5207, 0.6933, 0.5874
CMYK	0.00, 0.36, 0.14, 0.52
HSL	323°, 22%, 39%
HSV	323°, 36%, 48%
XYZ	13.3604, 10.6589, 14.7782
YIQ	94.2340, 17.5570, 17.7250

Conversions

Conversions Part 2

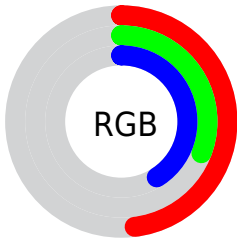
Format	Color
R_{YB}	122, 78, 105
Decimal	8015465
CIE Lab	39.00, 22.91, -7.95
CIE LCh	39, 24.247, 340.849
Yxy	10.6589, 0.3444, 0.2747
Android (android.graphics.Color)	4286205545 (0xFF7A4E69)
YUV	94.2340, 5.3076, 24.3508
Hunter-Lab	32.6480, 15.9125, -3.9841

Details

The CIELCh color $[39, 24.247, 340.849]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[48, 23.732, 154.950]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 23.977, 340.982]$, and $[19, 24.314, 340.571]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 30.748, 341.828]$, and if you desaturate by 10%, it is $[42, 17.514, 339.965]$.

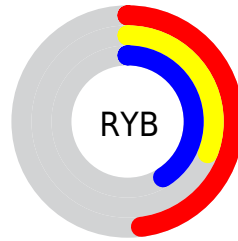
Distribution



Red (48%)

Green (31%)

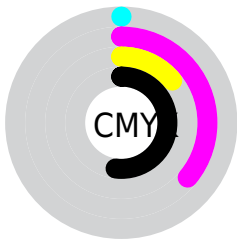
Blue (41%)



Red (48%)

Yellow (31%)

Blue (41%)

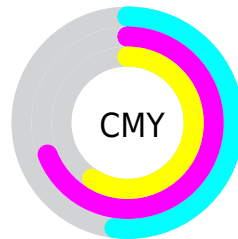


Cyan (0%)

Magenta (36%)

Yellow (14%)

Black (52%)



Cyan (52%)

Magenta (69%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 24.247, 340.849 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, 24.247, 340.849 by changing the saturation by 10% instead.

 39, 24.247,
340.849

 39, 24.247,
340.849

 100, 24.247,
340.849

 29, 24.247,
340.849

 59, 24.247,
340.849

 19, 24.247,
340.849

 69, 24.247,
340.849

 9, 24.247, 340.849

 79, 24.247,
340.849

 0, 24.247, 340.849

 89, 24.247,
340.849

 99, 24.247,
340.849

■ 39, 24.247,
340.849

■ 39, 24.247,
340.849

■ 36, 30.748,
341.828

■ 42, 17.514,
339.965

■ 33, 36.790,
342.931

■ 46, 10.725,
339.149

■ 31, 42.083,
344.203

■ 49, 3.991, 338.365

■ 29, 46.311,
345.708

■ 53, 2.613, 157.836

■ 56, 9.049, 157.123

■ 27, 49.204,
347.531

■ 60, 15.294,
156.509

■ 26, 50.782,
349.726

■ 64, 21.345,
155.940

■ 26, 51.367,
350.612

■ 67, 27.202,
155.409

■ 71, 32.874,
154.911

Harmonies

Complementary

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



39, 24.247, 340.849



48, 23.732, 154.950

Rectangle

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



39, 24.247, 340.849



39, 24.247, 30.849



39, 24.247, 160.849



39, 24.247, 210.849

Sweetspot

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



39, 24.245, 340.850



60, 9.063, 338.779



37, 28.064, 306.945



30, 6.061, 338.860



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



39, 24.245, 340.850



47, 35.550, 341.626



38, 19.862, 13.615



24, 3.756, 338.609



26, 52.163, 350.682



55, 86.966, 352.374

Inverse Universe

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



39, 24.245, 340.850



47, 35.550, 341.626



48, 16.516, 187.003



24, 3.756, 338.609



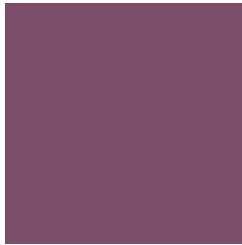
26, 52.163, 350.682



55, 86.966, 352.374

Previews

White Background



This preview shows how the CIE LCh color 39, 24.247, 340.849 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, 24.247, 340.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

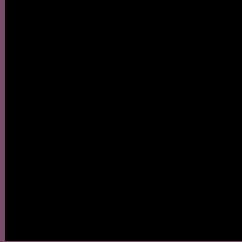
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 24.247, 340.849

Background



This preview shows how black text looks on a background with the CIELCh color 39, 24.247, 340.849.



This preview shows how white text looks on a background with the CIELCh color 39, 24.247, 340.849.

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, 24.247, 340.849

Protanopia

39, 14.129, 286.225

Deuteranopia

39, 8.364, 308.265



Tritanopia
39, 17.610, 8.294

Trichromacy



Original Color
39, 24.247, 340.849

Protanomaly
39, 16.383, 312.081

Deuteranomaly
39, 13.762, 328.290

Tritanomaly
39, 19.438, 356.723

Monochromacy



Original Color
39, 24.247, 340.849

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 9.092, 338.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 24.247, 340.849 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(122, 78, 105)` looks like.

```
.text, #text, p{  
    color:rgb(122, 78, 105)  
}
```

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(122, 78, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 78, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 24.247, 340.849 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(122, 78, 105) }
```

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

```
.border{ border-color:rgb(122, 78, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 78, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 78, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 78, 105);  
box-shadow:4px 4px 4px 4px rgb(122, 78,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 24.247, 340.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 78, 105) }
```

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

```
.background{ background-color: rgb(122, 78,  
105) }
```

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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