

Converting Colors

CIELCh(39, 24.392, 345.768)

Have a look what the booklet for
CIELCh(39, 24.392, 345.768)
contains.

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Color

CIELCh(39, 24.522, 345.352)

Conversions

Conversions Part 1

Format	Color
Hex	7C4D66
RGB	124, 77, 102
RGB Percent	49%, 30%, 40%
CMY	0.5118, 0.6963, 0.5982
CMYK	0.00, 0.38, 0.18, 0.51
HSL	328°, 23%, 40%
HSV	328°, 38%, 49%
XYZ	13.4872, 10.6589, 14.0347
YIQ	93.9030, 19.9870, 17.7390

Conversions

Conversions Part 2

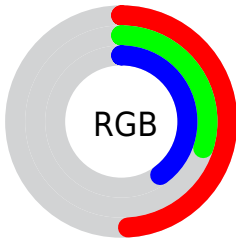
Format	Color
R_{YB}	124, 77, 102
Decimal	8146278
CIE Lab	39.00, 23.72, -6.20
CIE LCh	39, 24.522, 345.352
Yxy	10.6589, 0.3532, 0.2792
Android (android.graphics.Color)	4286336358 (0xFF7C4D66)
YUV	93.9030, 3.9918, 26.3951
Hunter-Lab	32.6480, 16.6058, -2.6340

Details

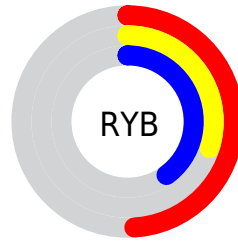
The CIELCh color $[39, 24.522, 345.352]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[48, 23.638, 158.553]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 24.255, 345.092]$, and $[19, 24.499, 345.843]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 30.803, 346.530]$, and if you desaturate by 10%, it is $[42, 18.014, 344.319]$.

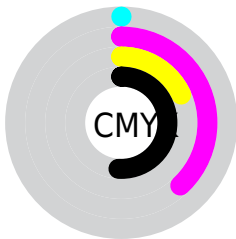
Distribution



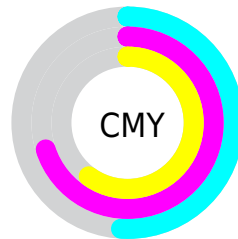
- Red (49%)
- Green (30%)
- Blue (40%)



- Red (49%)
- Yellow (30%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (51%)





- Cyan (51%)
- Magenta (70%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 24.522, 345.352 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, 24.522, 345.352 by changing the saturation by 10% instead.


 39, 24.522,
345.352


 39, 24.522,
345.352

 100, 24.522,
345.352


 29, 24.522,
345.352

 59, 24.522,
345.352


 19, 24.522,
345.352

 69, 24.522,
345.352

 9, 24.522, 345.352

 79, 24.522,
345.352

 0, 24.522, 345.352

 89, 24.522,
345.352

 99, 24.522,
345.352

■ 39, 24.522,
345.352

■ 39, 24.522,
345.352

■ 36, 30.803,
346.530

■ 42, 18.014,
344.319

■ 33, 36.625,
347.898

■ 46, 11.457,
343.390

■ 31, 41.694,
349.529

■ 49, 4.965, 342.526

■ 29, 45.701,
351.520

■ 53, 1.389, 162.022

■ 57, 7.565, 161.159

■ 27, 48.402,
353.994


■ 60, 13.546,
160.496

■ 26, 50.007,
356.946

■ 64, 19.327,
159.889

■ 26, 50.375,
357.595

■ 68, 24.912,
159.326

 72, 30.310,
158.802

Harmonies

Complementary

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



39, 24.522, 345.352



48, 23.638, 158.553

Rectangle

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



39, 24.522, 345.352



39, 24.522, 35.352



39, 24.522, 165.352



39, 24.522, 215.352

Sweetspot

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



39, 24.520, 345.353



61, 8.676, 342.823



37, 30.252, 309.782



31, 5.882, 342.916



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



39, 24.520, 345.353



47, 35.805, 346.314



38, 21.403, 20.238



24, 3.548, 342.635



26, 50.509, 357.611



55, 84.476, 359.863

Inverse Universe

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



39, 24.520, 345.353



47, 35.805, 346.314



49, 16.884, 194.482



24, 3.548, 342.635



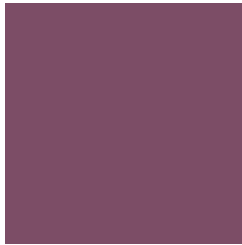
26, 50.509, 357.611



55, 84.476, 359.863

Previews

White Background



This preview shows how the CIE LCh color 39, 24.522, 345.352 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, 24.522, 345.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

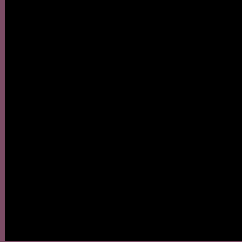
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 24.522, 345.352

Background



This preview shows how black text looks on a background with the CIELCh color 39, 24.522, 345.352.



This preview shows how white text looks on a background with the CIELCh color 39, 24.522, 345.352.

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, 24.522, 345.352

Protanopia

39, 12.887, 287.069

Deuteranopia

39, 6.801, 316.108



Tritanopia
39, 19.352, 11.710

Trichromacy



Original Color
39, 24.522, 345.352

Protanomaly
39, 15.395, 315.042

Deuteranomaly
39, 13.400, 334.512

Tritanomaly
39, 20.880, 0.767

Monochromacy



Original Color
39, 24.522, 345.352

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 9.040, 343.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 24.522, 345.352 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(124, 77, 102)` looks like.

```
.text, #text, p{  
    color:rgb(124, 77, 102)  
}
```

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(124, 77, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 77, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 24.522, 345.352 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(124, 77, 102) }
```

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

```
.border{ border-color:rgb(124, 77, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 77, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 77, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 77, 102);  
box-shadow:4px 4px 4px 4px rgb(124, 77,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 24.522, 345.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 77, 102) }
```

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

```
.background{ background-color: rgb(124, 77,  
102) }
```

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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