

Converting Colors

CIELCh(39, 24.515, 349.018)

Have a look what the booklet for
CIELCh(39, 24.515, 349.018)
contains.

CIELCh(39, 24.591, 349.120)	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, 24.591, 349.120)

Conversions

Conversions Part 1

Format	Color
Hex	7E4D64
RGB	126, 77, 100
RGB Percent	49%, 30%, 39%
CMY	0.5060, 0.6981, 0.6079
CMYK	0.00, 0.39, 0.21, 0.51
HSL	332°, 24%, 40%
HSV	332°, 39%, 49%
XYZ	13.5531, 10.6589, 13.3948
YIQ	94.2730, 21.8210, 17.5410

Conversions

Conversions Part 2

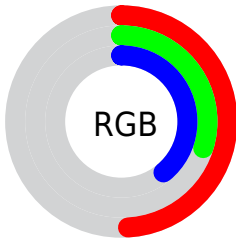
Format	Color
R_{YB}	126, 77, 100
Decimal	8277348
CIE _{Lab}	39.00, 24.15, -4.64
CIE _{LCh}	39, 24.591, 349.120
Yxy	10.6589, 0.3604, 0.2834
Android (android.graphics.Color)	4286467428 (0xFF7E4D64)
YUV	94.2730, 2.8234, 27.8246
Hunter-Lab	32.6480, 16.9660, -1.4718

Details

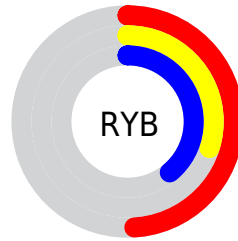
The CIELCh color $[39, 24.591, 349.120]$ is a dark color, and the websafe version is hex `#996666`. A complement of this color would be $[49, 23.329, 161.651]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 24.642, 349.113]$, and $[19, 24.217, 349.438]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 30.751, 350.464]$, and if you desaturate by 10%, it is $[42, 18.221, 347.964]$.

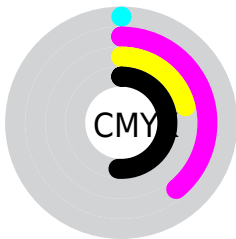
Distribution



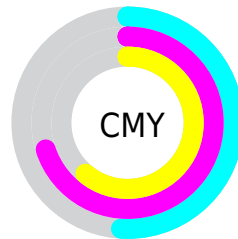
- Red (49%)
- Green (30%)
- Blue (39%)



- Red (49%)
- Yellow (30%)
- Blue (39%)



- Cyan (0%)
- Magenta (39%)
- Yellow (21%)
- Black (51%)




- Cyan (51%)
- Magenta (70%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 24.591, 349.120 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, 24.591, 349.120 by changing the saturation by 10% instead.


 39, 24.591,
349.120


 39, 24.591,
349.120

 100, 24.591,
349.120


 29, 24.591,
349.120

 59, 24.591,
349.120

 19, 24.591,
349.120


 69, 24.591,
349.120

 9, 24.591, 349.120

 79, 24.591,
349.120

 0, 24.591, 349.120

 89, 24.591,
349.120

 99, 24.591,
349.120

39, 24.591,
349.120

39, 24.591,
349.120

36, 30.751,
350.464

42, 18.221,
347.964

33, 36.469,
352.056

46, 11.820,
346.942

31, 41.455,
353.990

49, 5.499, 346.011

29, 45.412,
356.389

53, 0.671, 165.693

57, 6.652, 164.553

27, 48.125,
359.399


61, 12.430,
163.852

26, 49.947, 2.925

65, 18.001,
163.218

26, 50.164, 3.309

68, 23.372,
162.634

 72, 28.553,
162.092

Harmonies

Complementary

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



39, 24.591, 349.120



49, 23.329, 161.651

Rectangle

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



39, 24.591, 349.120



39, 24.591, 39.120



39, 24.591, 169.120



39, 24.591, 219.120

Sweetspot

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



39, 24.589, 349.121



62, 9.210, 346.321



37, 31.686, 311.464



31, 6.086, 346.413



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, 24.589, 349.121



47, 36.559, 350.349



39, 22.149, 24.056



25, 3.521, 346.031



26, 50.596, 3.367



0, 0.000, 0.000

Inverse Universe

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



39, 24.589, 349.121



47, 36.559, 350.349



49, 16.996, 199.282



25, 3.521, 346.031



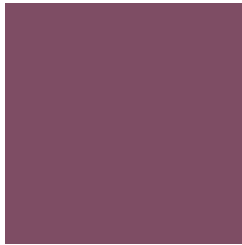
26, 50.596, 3.367



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 39, 24.591, 349.120 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, 24.591, 349.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

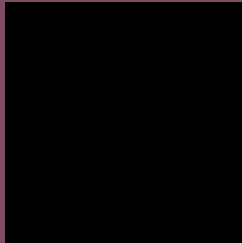
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 24.591, 349.120

Background



This preview shows how black text looks on a background with the CIELCh color 39, 24.591, 349.120.



This preview shows how white text looks on a background with the CIELCh color 39, 24.591, 349.120.

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, 24.591, 349.120

Protanopia
39, 11.038, 287.856

Deuteranopia
39, 6.192, 328.076



Tritanopia
39, 19.795, 12.035

Trichromacy



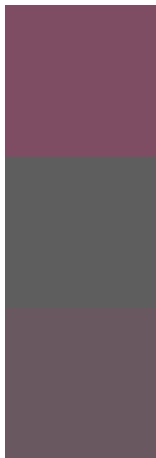
Original Color
39, 24.591, 349.120

Protanomaly
39, 13.924, 319.591

Deuteranomaly
39, 13.200, 341.080

Tritanomaly
39, 21.148, 2.879

Monochromacy



Original Color
39, 24.591, 349.120

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 9.057, 348.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 24.591, 349.120 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(126, 77, 100)` looks like.

```
.text, #text, p{  
    color:rgb(126, 77, 100)  
}
```

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(126, 77, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 77, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 24.591, 349.120 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(126, 77, 100) }
```

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

```
.border{ border-color:rgb(126, 77, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 77, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 77, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 77, 100);  
box-shadow:4px 4px 4px 4px rgb(126, 77,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 24.591, 349.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 77, 100) }
```

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

```
.background{ background-color: rgb(126, 77,  
100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor