

Converting Colors

CIELCh(39, 17.845, 349.533)

Have a look what the booklet for
CIELCh(39, 17.845, 349.533)
contains.

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Color

CIELCh(39, 17.639, 348.778)

Conversions

Conversions Part 1

Format	Color
Hex	755262
RGB	117, 82, 98
RGB Percent	46%, 32%, 38%
CMY	0.5418, 0.6791, 0.6163
CMYK	0.00, 0.30, 0.16, 0.54
HSL	333°, 18%, 39%
HSV	333°, 30%, 46%
XYZ	12.5150, 10.6589, 12.9123
YIQ	94.2890, 15.7240, 12.3960

Conversions

Conversions Part 2

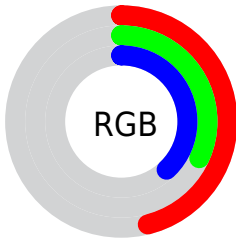
Format	Color
R_{YB}	117, 82, 98
Decimal	7688802
CIE _{Lab}	39.00, 17.30, -3.43
CIE _{LCh}	39, 17.639, 348.778
Yxy	10.6589, 0.3468, 0.2954
Android (android.graphics.Color)	4285878882 (0xFF755262)
YUV	94.2890, 1.8295, 19.9175
Hunter-Lab	32.6480, 11.2903, -0.5956

Details

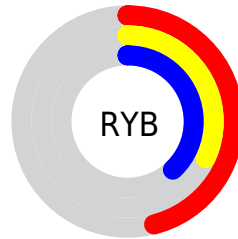
The CIELCh color $39, 17.639, 348.778$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $46, 16.888, 163.338$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 17.701, 348.640$, and $19, 17.437, 348.634$ is the 20% darker color. If you saturate the color by 10%, you get $36, 23.585, 349.962$, and if you desaturate by 10%, it is $42, 11.654, 347.740$.

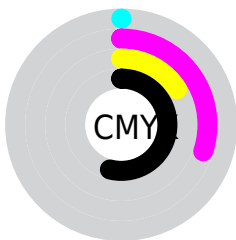
Distribution



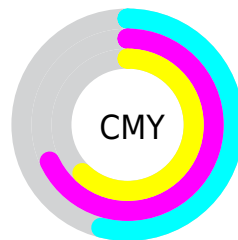
- Red (46%)
- Green (32%)
- Blue (38%)



- Red (46%)
- Yellow (32%)
- Blue (38%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (54%)





- Cyan (54%)
- Magenta (68%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 17.639, 348.778 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, 17.639, 348.778 by changing the saturation by 10% instead.


 39, 17.639,
348.778


 39, 17.639,
348.778

 100, 17.639,
348.778


 29, 17.639,
348.778

 59, 17.639,
348.778


 19, 17.639,
348.778


 69, 17.639,
348.778

 9, 17.639, 348.778

 79, 17.639,
348.778

 0, 17.639, 348.778

 89, 17.639,
348.778

 99, 17.639,
348.778

■ 39, 17.639,
348.778

■ 39, 17.639,
348.778

■ 36, 23.585,
349.962

■ 42, 11.654,
347.740

■ 33, 29.334,
351.338

■ 46, 5.745, 346.799

■ 49, 0.026, 177.026

■ 30, 34.665,
352.975

■ 53, 5.620, 165.324

■ 28, 39.310,
354.968

■ 56, 11.024,
164.613

■ 26, 42.998,
357.443

■ 60, 16.233,
163.973

■ 25, 45.540, 0.546

■ 63, 21.254,
163.384

■ 24, 47.475, 4.032

■ 67, 26.097,
162.839

■ 24, 47.486, 4.050

■ 71, 30.772,
162.332

Harmonies

Complementary

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



39, 17.639, 348.778



46, 16.888, 163.338

Rectangle

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



39, 17.639, 348.778



39, 17.639, 38.778



39, 17.639, 168.778



39, 17.639, 218.778

Sweetspot

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



39, 17.637, 348.780



59, 6.477, 346.733



38, 22.795, 311.552



30, 4.480, 346.841



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



39, 17.637, 348.780



48, 26.507, 349.589



39, 15.282, 24.238



23, 3.257, 346.715



25, 49.086, 4.296



54, 83.143, 7.101

Inverse Universe

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



39, 17.637, 348.780



48, 26.507, 349.589



46, 12.546, 201.231



23, 3.257, 346.715



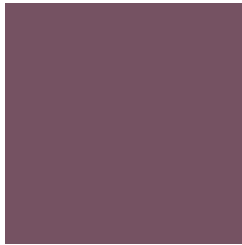
25, 49.086, 4.296



54, 83.143, 7.101

Previews

White Background



This preview shows how the CIELCh color 39, 17.639, 348.778 looks on a white background.

Color Contrast Check

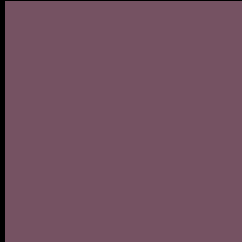
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.639, 348.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

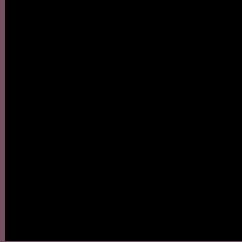
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 17.639, 348.778

Background



This preview shows how black text looks on a background with the CIELCh color 39, 17.639, 348.778.

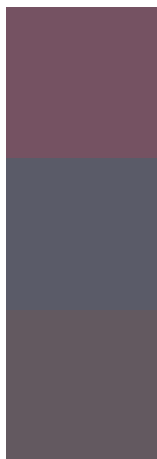


This preview shows how white text looks on a background with the CIELCh color 39, 17.639, 348.778.

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, 17.639, 348.778

Protanopia

39, 7.970, 288.561

Deuteranopia

39, 6.021, 334.896



Tritanopia
39, 14.964, 5.267

Trichromacy



Original Color
39, 17.639, 348.778

Protanomaly
39, 9.935, 321.075

Deuteranomaly
39, 10.462, 340.965

Tritanomaly
39, 15.417, 358.661

Monochromacy



Original Color
39, 17.639, 348.778

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 5.937, 349.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 17.639, 348.778 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(117, 82, 98)` looks like.

```
.text, #text, p{  
    color:rgb(117, 82, 98)  
}
```

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(117, 82, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 82, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 17.639, 348.778 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(117, 82, 98) }
```

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

```
.border{ border-color:rgb(117, 82, 98) }
```

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

Here you see how a box with a 4 pixel rgb(117, 82, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 82, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 82, 98);  
box-shadow:4px 4px 4px 4px rgb(117, 82,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 17.639, 348.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 82, 98) }
```

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

```
.background{ background-color: rgb(117, 82,  
98) }
```

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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