

Converting Colors

CIELCh(39, 17.722, 351.338)

Have a look what the booklet for
CIELCh(39, 17.722, 351.338)
contains.

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Color

CIELCh(39, 17.722, 351.338)

Conversions

Conversions Part 1

Format	Color
Hex	765261
RGB	118, 82, 97
RGB Percent	46%, 32%, 38%
CMY	0.5388, 0.6799, 0.6211
CMYK	0.00, 0.31, 0.18, 0.54
HSL	335°, 18%, 39%
HSV	335°, 31%, 46%
XYZ	12.5472, 10.6589, 12.6136
YIQ	94.4740, 16.6410, 12.2970

Conversions

Conversions Part 2

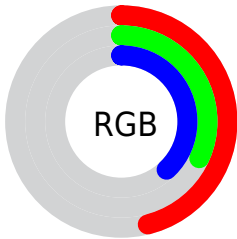
Format	Color
R_{YB}	118, 82, 97
Decimal	7754337
CIE _{Lab}	39.00, 17.52, -2.67
CIE _{LCh}	39, 17.722, 351.338
Yxy	10.6589, 0.3503, 0.2976
Android (android.graphics.Color)	4285944417 (0xFF765261)
YUV	94.4740, 1.2453, 20.6323
Hunter-Lab	32.6480, 11.4665, -0.0531

Details

The CIELCh color $[39, 17.722, 351.338]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[46, 16.798, 165.585]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 17.774, 350.961]$, and $[19, 18.217, 350.728]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 23.605, 352.605]$, and if you desaturate by 10%, it is $[42, 11.816, 350.240]$.

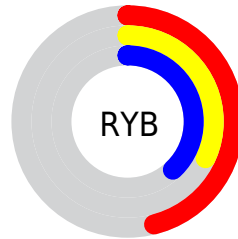
Distribution



Red (46%)

Green (32%)

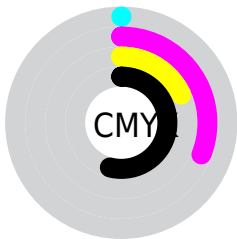
Blue (38%)



Red (46%)

Yellow (32%)

Blue (38%)

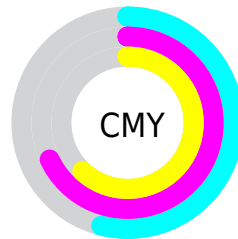


Cyan (0%)

Magenta (31%)

Yellow (18%)

Black (54%)



Cyan (54%)

Magenta (68%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 17.722, 351.338 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, 17.722, 351.338 by changing the saturation by 10% instead.

 39, 17.722,
351.338


 39, 17.722,
351.338

 100, 17.722,
351.338


 29, 17.722,
351.338

 59, 17.722,
351.338


 19, 17.722,
351.338

 69, 17.722,
351.338

 9, 17.722, 351.338

 79, 17.722,
351.338

 0, 17.722, 351.338

 89, 17.722,
351.338

 99, 17.722,
351.338

■ 39, 17.722,
351.338

■ 39, 17.722,
351.338

■ 36, 23.605,
352.605

■ 42, 11.816,
350.240

■ 33, 29.311,
354.092

■ 46, 5.998, 349.254

■ 49, 0.331, 347.551

■ 30, 34.617,
355.880

■ 53, 5.151, 167.727

■ 28, 39.263,
358.078

■ 56, 10.434,
166.993

■ 26, 42.989, 0.823

■ 60, 15.518,
166.337

■ 25, 45.628, 4.269

■ 64, 20.409,
165.737

■ 24, 47.668, 7.845

■ 67, 25.118,
165.184

■ 71, 29.659,
164.671

Harmonies

Complementary

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



39, 17.722, 351.338



46, 16.798, 165.585

Rectangle

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



39, 17.722, 351.338



39, 17.722, 41.338



39, 17.722, 171.338



39, 17.722, 221.338

Sweetspot

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



39, 17.720, 351.340



59, 6.313, 349.125



38, 23.558, 312.679



30, 4.368, 349.237



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, 17.720, 351.340



48, 26.684, 352.251



39, 15.271, 26.962



23, 3.175, 349.106



25, 49.057, 8.073



53, 83.440, 11.104

Inverse Universe

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



39, 17.720, 351.340



48, 26.684, 352.251



46, 12.442, 204.694



23, 3.175, 349.106



25, 49.057, 8.073



53, 83.440, 11.104

Previews

White Background



This preview shows how the CIE LCh color 39, 17.722, 351.338 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, 17.722, 351.338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

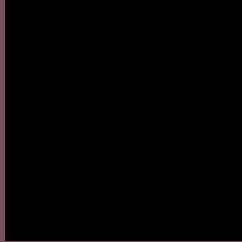
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 17.722, 351.338

Background



This preview shows how black text looks on a background with the CIELCh color 39, 17.722, 351.338.



This preview shows how white text looks on a background with the CIELCh color 39, 17.722, 351.338.

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, 17.722, 351.338

Protanopia

39, 7.355, 291.322

Deuteranopia

39, 5.934, 342.066



Tritanopia
39, 15.296, 8.041

Trichromacy



Original Color
39, 17.722, 351.338

Protanomaly
39, 9.638, 325.085

Deuteranomaly
39, 10.440, 345.175

Tritanomaly
39, 15.653, 1.477

Monochromacy



Original Color
39, 17.722, 351.338

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 6.307, 351.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 17.722, 351.338 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(118, 82, 97)` looks like.

```
.text, #text, p{  
    color:rgb(118, 82, 97)  
}
```

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(118, 82, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 82, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 17.722, 351.338 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(118, 82, 97) }
```

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

```
.border{ border-color:rgb(118, 82, 97) }
```

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

Here you see how a box with a 4 pixel rgb(118, 82, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 82, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 82, 97);  
box-shadow:4px 4px 4px 4px rgb(118, 82,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 17.722, 351.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 82, 97) }
```

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

```
.background{ background-color: rgb(118, 82,  
97) }
```

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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