

Converting Colors

CIELCh(39, 15.818, 6.344)

Have a look what the booklet for
CIELCh(39, 15.818, 6.344) contains.

CIELCh(39, 15.391, 5.818)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(39, 15.391, 5.818)

Conversions

Conversions Part 1

Format	Color
Hex	75535A
RGB	117, 83, 90
RGB Percent	46%, 33%, 35%
CMY	0.5420, 0.6753, 0.6478
CMYK	0.00, 0.29, 0.23, 0.54
HSL	348°, 17%, 39%
HSV	348°, 29%, 46%
XYZ	12.2235, 10.6589, 11.0423
YIQ	93.9640, 18.0170, 9.3850

Conversions

Conversions Part 2

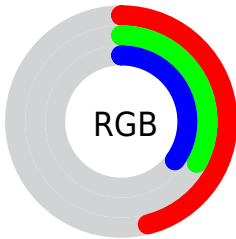
Format	Color
R_{YB}	117, 83, 90
Decimal	7689050
CIE _{Lab}	39.00, 15.31, 1.56
CIE _{LCh}	39, 15.391, 5.818
Yxy	10.6589, 0.3603, 0.3142
Android (android.graphics.Color)	4285879130 (0xFF75535A)
YUV	93.9640, -1.9543, 20.2026
Hunter-Lab	32.6480, 9.6969, 2.8004

Details

The CIELCh color $[39, 15.391, 5.818]$ is a dark color, and the websafe version is hex `#996666`. A complement of this color would be $[46, 13.753, 180.235]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 15.362, 6.256]$, and $[19, 15.303, 5.529]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 21.058, 7.280]$, and if you desaturate by 10%, it is $[42, 9.881, 4.600]$.

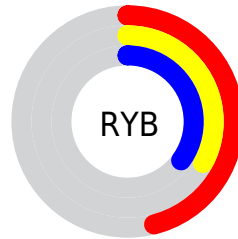
Distribution



Red (46%)

Green (33%)

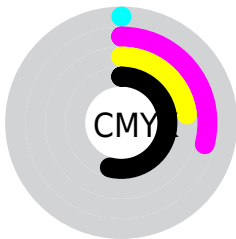
Blue (35%)



Red (46%)

Yellow (33%)

Blue (35%)

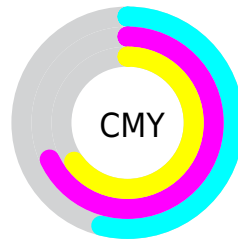


Cyan (0%)

Magenta (29%)

Yellow (23%)

Black (54%)



Cyan (54%)

Magenta (68%)


Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 15.391, 5.818 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, 15.391, 5.818 by changing the saturation by 10% instead.

 39, 15.391, 5.818  39, 15.391, 5.818

 100, 15.391, 5.818  29, 15.391, 5.818

 59, 15.391, 5.818  19, 15.391, 5.818


 69, 15.391, 5.818  9, 15.391, 5.818

 79, 15.391, 5.818  0, 15.391, 5.818

 89, 15.391, 5.818

 99, 15.391, 5.818

 39, 15.391, 5.818  39, 15.391, 5.818

 36, 21.058, 7.280  42, 9.881, 4.600

 33, 26.781, 9.058  46, 4.595, 3.537

■ 30, 32.398, 11.263

■ 49, 0.441, 183.508

■ 28, 37.713, 14.022

■ 53, 5.220, 182.028

■ 26, 42.525, 17.468

■ 57, 9.751, 181.318

■ 24, 46.708, 21.684

■ 60, 14.048,
180.702

■ 23, 50.606, 26.166

■ 64, 18.131,
180.151

■ 23, 50.981, 26.530

■ 68, 22.018,
179.654

■ 71, 25.730,
179.200

Harmonies

Complementary

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



39, 15.391, 5.818



46, 13.753, 180.235

Rectangle

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



39, 15.391, 5.818



39, 15.391, 55.818



39, 15.391, 185.818



39, 15.391, 235.818

Sweetspot

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



39, 15.389, 5.822



59, 5.672, 3.551



39, 23.280, 319.524



30, 3.930, 3.672



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, 15.389, 5.822



48, 23.394, 6.785



41, 12.512, 48.042



23, 2.852, 3.531



24, 52.844, 26.837



52, 92.061, 30.119

Inverse Universe

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



39, 15.389, 5.822



48, 23.394, 6.785



44, 10.548, 231.943



23, 2.852, 3.531



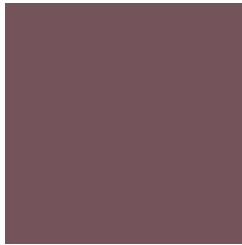
24, 52.844, 26.837



52, 92.061, 30.119

Previews

White Background



This preview shows how the CIE LCh color 39, 15.391, 5.818 looks on a white background.

Color Contrast Check

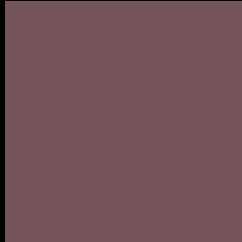
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.391, 5.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

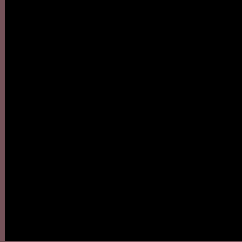
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 15.391, 5.818

Background



This preview shows how black text looks on a background with the CIELCh color 39, 15.391, 5.818.



This preview shows how white text looks on a background with the CIELCh color 39, 15.391, 5.818.

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, 15.391, 5.818

Protanopia

39, 1.891, 303.187

Deuteranopia

39, 5.626, 20.130



Tritanopia
39, 15.296, 8.041

Trichromacy



Original Color
39, 15.391, 5.818

Protanomaly
39, 6.063, 356.535

Deuteranomaly
39, 8.787, 12.707

Tritanomaly
39, 15.296, 8.041

Monochromacy



Original Color
39, 15.391, 5.818

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 5.281, 6.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 15.391, 5.818 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, 83, 90)` looks like.

```
.text, #text, p{  
    color:rgb(117, 83, 90)  
}
```

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, 83, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 83, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 15.391, 5.818 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, 83, 90) }
```

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

```
.border{ border-color:rgb(117, 83, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 83, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 83, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 83, 90);  
box-shadow:4px 4px 4px 4px rgb(117, 83,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 15.391, 5.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 83, 90) }
```

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

```
.background{ background-color: rgb(117, 83,  
90) }
```

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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