

Converting Colors

CIELCh(39, 15.668, 339.942)

Have a look what the booklet for
CIELCh(39, 15.668, 339.942)
contains.

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Color

CIELCh(39, 15.596, 340.168)

Conversions

Conversions Part 1

Format	Color
Hex	705465
RGB	112, 84, 101
RGB Percent	44%, 33%, 40%
CMY	0.5619, 0.6716, 0.6050
CMYK	0.00, 0.25, 0.10, 0.56
HSL	324°, 14%, 38%
HSV	324°, 25%, 44%
XYZ	12.1307, 10.6589, 13.6589
YIQ	94.3100, 11.2310, 11.2230

Conversions

Conversions Part 2

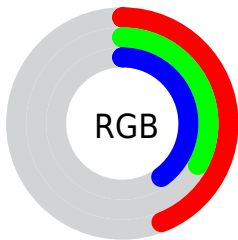
Format	Color
R _Y B	112, 84, 101
Decimal	7361637
CIE Lab	39.00, 14.67, -5.29
CIE LCh	39, 15.596, 340.168
Yxy	10.6589, 0.3328, 0.2924
Android (android.graphics.Color)	4285551717 (0xFF705465)
YUV	94.3100, 3.2982, 15.5141
Hunter-Lab	32.6480, 9.1892, -1.9515




Details

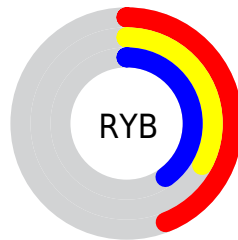
The CIELCh color $39, 15.596, 340.168$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 15.337, 156.338$, and the grayscale version is $40, 0.006, 296.813$.




A 20% lighter version of the original color is $59, 15.472, 340.017$, and $19, 15.263, 341.500$ is the 20% darker color. If you saturate the color by 10%, you get $36, 21.837, 341.045$, and if you desaturate by 10%, it is $42, 9.316, 339.361$.

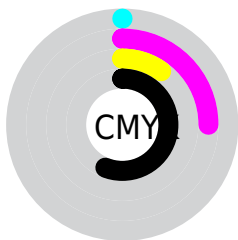
Distribution







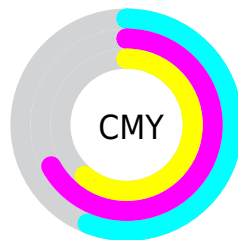
-  Red (44%)
-  Green (33%)
-  Blue (40%)






-  Red (44%)
-  Yellow (33%)
-  Blue (40%)



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (10%)
-  Black (56%)





-  Cyan (56%)
-  Magenta (67%)
-  Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 15.596, 340.168 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, 15.596, 340.168 by changing the saturation by 10% instead.


 39, 15.596,
340.168


 39, 15.596,
340.168

 100, 15.596,
340.168


 29, 15.596,
340.168

 59, 15.596,
340.168


 19, 15.596,
340.168


 69, 15.596,
340.168

 9, 15.596, 340.168

 79, 15.596,
340.168

 0, 15.596, 340.168

 89, 15.596,
340.168

 99, 15.596,
340.168

39, 15.596,
340.168

39, 15.596,
340.168

36, 21.837,
341.045

42, 9.316, 339.361

33, 27.895,
342.012

45, 3.099, 338.574

49, 2.993, 158.048

30, 33.567,
343.100

52, 8.927, 157.357

28, 38.596,
344.351

56, 14.685,
156.751

26, 42.695,
345.827

59, 20.264,
156.188

25, 45.606,
347.609

62, 25.665,
155.662

24, 47.311,
349.752

66, 30.897,
155.168

23, 48.110,

69, 35.969,

350.818

154.705

Harmonies

Complementary

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



39, 15.596, 340.168



45, 15.337, 156.338

Rectangle

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



39, 15.596, 340.168



39, 15.596, 30.168



39, 15.596, 160.168



39, 15.596, 210.168

Sweetspot

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



39, 15.594, 340.169



57, 6.109, 338.830



38, 17.845, 306.228



29, 4.381, 338.928



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



39, 15.594, 340.169



48, 23.201, 340.663



39, 12.456, 12.117



22, 3.476, 338.892



25, 50.512, 351.057



54, 85.400, 352.891

Inverse Universe

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



39, 15.594, 340.169



48, 23.201, 340.663



45, 11.020, 187.915



22, 3.476, 338.892



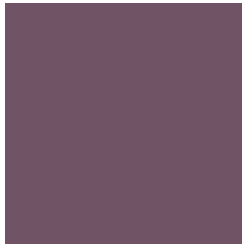
25, 50.512, 351.057



54, 85.400, 352.891

Previews

White Background



This preview shows how the CIE LCh color 39, 15.596, 340.168 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, 15.596, 340.168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

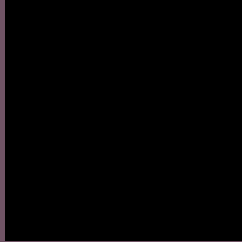
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 15.596, 340.168

Background



This preview shows how black text looks on a background with the CIELCh color 39, 15.596, 340.168.

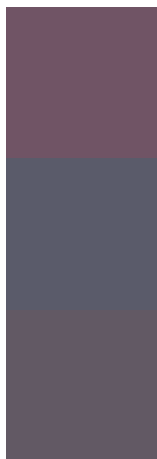


This preview shows how white text looks on a background with the CIELCh color 39, 15.596, 340.168.

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, 15.596, 340.168

Protanopia
39, 9.193, 289.148

Deuteranopia
39, 7.732, 319.796



Tritanopia
39, 11.982, 0.431

Trichromacy



Original Color
39, 15.596, 340.168

Protanomaly
39, 10.670, 313.913

Deuteranomaly
39, 10.397, 330.981

Tritanomaly
39, 12.634, 352.554

Monochromacy



Original Color
39, 15.596, 340.168

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 5.598, 339.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 15.596, 340.168 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(112, 84, 101)` looks like.

```
.text, #text, p{  
    color:rgb(112, 84, 101)  
}
```

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(112, 84, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 84, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 15.596, 340.168 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(112, 84, 101) }
```

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

```
.border{ border-color:rgb(112, 84, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 84, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 84, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 84, 101);  
box-shadow:4px 4px 4px 4px rgb(112, 84,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 15.596, 340.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 84, 101) }
```

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

```
.background{ background-color: rgb(112, 84,  
101) }
```

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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