Converting Colors

CIELCh(39, 16.329, 350.479)

Have a look what the booklet for CIELCh(39, 16.329, 350.479) contains.

Color

CIELCh(39, 16.336, 350.620)

Conversions

Format	Color
Hex	745361
RGB	116, 83, 97
RGB Percent	45%, 33%, 38%
CMY	0.5469, 0.6762, 0.6213
CMYK	0.00, 0.29, 0.16, 0.55
HSL	335°, 17%, 39%
HSV	335°, 29%, 45%
XYZ	12.3410, 10.6589, 12.6110
YIQ	94.4630, 15.1740, 11.3500

Conversions Part 1

Conversions

Conversions Part 2

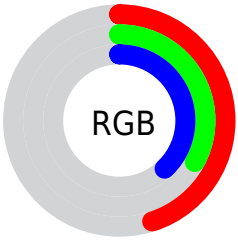
Format	Color
RYB	116, 83, 97
Decimal	7623521
CIELab	39.00, 16.12, -2.66
CIELCh	39, 16.336, 350.620
Yxy	10.6589, 0.3466, 0.2993
Android (android.graphics.Color)	4285813601 (0xFF745361)
YUV	94.4630, 1.2507, 18.8879
Hunter-Lab	32.6480, 10.3392, -0.0485

Details

The CIELCh color 39, 16.336, 350.620 is a dark color, and the websafe version is hex 996666. A complement of this color would be 46, 15.568, 165.361, and the grayscale version is 40, 0.006, 296.813.

A 20% lighter version of the original color is 59, 16.474, 350.394, and 19, 16.055, 350.532 is the 20% darker color. If you saturate the color by 10%, you get 36, 22.166, 351.833, and if you desaturate by 10%, it is 42, 10.505, 349.561.

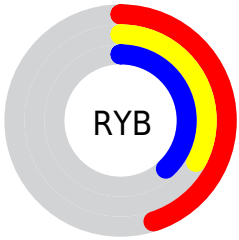
Distribution



Red (45%)

Green (33%)

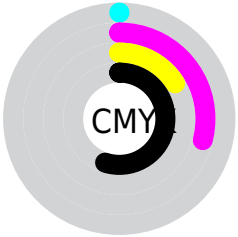
Blue (38%)



Red (45%)

Yellow (33%)

Blue (38%)

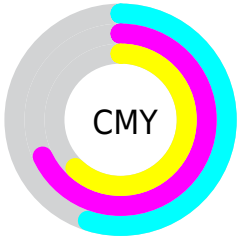


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (55%)



Cyan (55%)

Magenta (68%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 16.336, 350.620 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, 16.336, 350.620 by changing the saturation by 10% instead.

39, 16.336, 350.620

100, 16.336, 350.620

59, 16.336, 350.620

69, 16.336, 350.620

79, 16.336, 350.620

89, 16.336, 350.620

99, 16.336, 350.620

39, 16.336, 350.620

29, 16.336, 350.620

19, 16.336, 350.620

9, 16.336, 350.620

0, 16.336, 350.620

39, 16.336, 350.620

36, 22.166, 351.833

33, 27.854, 353.248

30, 33.192, 354.938

28, 37.930, 357.001

26, 41.803, 359.568

25, 44.616, 2.790

24, 46.722, 6.508

23, 47.060, 7.034

39, 16.336, 350.620

42, 10.505, 349.561

46, 4.773, 348.598

49, 0.803, 168.186

53, 6.195, 167.117

56, 11.392, 166.407

60, 16.394, 165.766

63, 21.209, 165.178

67, 25.848, 164.635

70, 30.323, 164.131

Harmonies

Complementary

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

39, 16.336, 350.620

46, 15.568, 165.361

Rectangle

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

39, 16.336, 350.620

39, 16.336, 40.620

39, 16.336, 170.620

39, 16.336, 220.620

Sweetspot

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

39, 16.334, 350.622

58, 6.256, 348.664

38, 21.617, 312.582

30, 4.388, 348.777

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, 16.334, 350.622

48, 24.254, 351.370

39, 13.929, 26.793

23, 3.190, 348.647

25, 49.044, 7.361

53, 83.347, 10.353

Inverse Universe

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

39, 16.334, 350.622

48, 24.254, 351.370

46, 11.528, 204.720

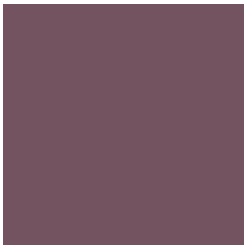
23, 3.190, 348.647

25, 49.044, 7.361

53, 83.347, 10.353

Previews

White Background

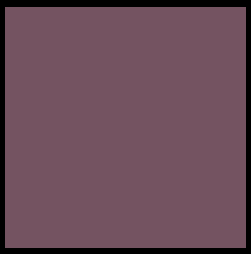


This preview shows how the CIELCh color 39, 16.336, 350.620 looks on a white background.

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



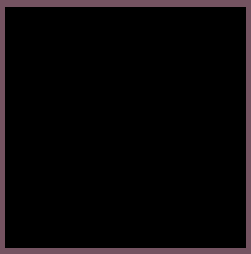
This preview shows how the CIELCh color 39, 16.336, 350.620 looks on a black background.

Color Contrast Check

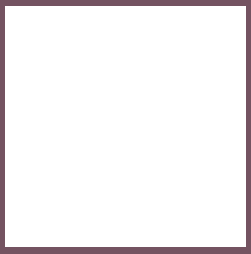
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 39, 16.336, 350.620 Background



This preview shows how black text looks on a background with the CIELCh color 39, 16.336, 350.620.



This preview shows how white text looks on a background with the CIELCh color 39, 16.336, 350.620.

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, 16.336, 350.620

Protanopia
39, 6.743, 291.229

Deuteranopia
39, 5.934, 342.066

Tritanopia
39, 13.972, 6.466

Trichromacy

Original Color
39, 16.336, 350.620

Protanomaly
39, 8.908, 325.038

Deuteranomaly
39, 9.745, 346.570

Tritanomaly
39, 14.833, 0.121

Monochromacy

Original Color
39, 16.336, 350.620

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, 16.336, 350.620 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(116, 83, 97) looks like.

```
.text, #text, p{
    color:rgb(116, 83, 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(116, 83, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 83, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 16.336, 350.620 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(116, 83, 97) }
```

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

```
.border{ border-color:rgb(116, 83, 97) }
```

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

Here you see how a box with a 4 pixel rgb(116, 83, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 83, 97); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 83, 97); box-shadow:4px 4px 4px 4px rgb(116, 83, 97) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 16.336, 350.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(116, 83, 97) }
```

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

```
.background{ background-color:rgb(116, 83,
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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