

Converting Colors

CIELCh(39, 15.399, 69.381)

Have a look what the booklet for
CIELCh(39, 15.399, 69.381) contains.

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Color

CIELCh(39, 15.343, 68.499)

Conversions

Conversions Part 1

Format	Color
Hex	6D5845
RGB	109, 88, 69
RGB Percent	43%, 35%, 27%
CMY	0.5726, 0.6549, 0.7294
CMYK	0.00, 0.19, 0.37, 0.57
HSL	29°, 22%, 35%
HSV	29°, 37%, 43%
XYZ	10.8692, 10.6589, 7.1138
YIQ	92.1130, 18.6150, -1.4570

Conversions

Conversions Part 2

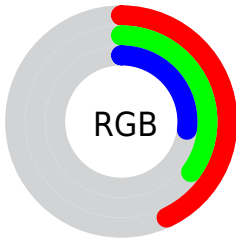
Format	Color
R_{YB}	109, 105, 69
Decimal	7166021
CIE Lab	39.00, 5.62, 14.28
CIE LCh	39, 15.343, 68.499
Yxy	10.6589, 0.3795, 0.3721
Android (android.graphics.Color)	4285356101 (0xFF6D5845)
YUV	92.1130, -11.3947, 14.8099
Hunter-Lab	32.6480, 2.2922, 9.9346

Details


The CIELCh color **39, 15.343, 68.499** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **37, 13.703, 258.260**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 15.424, 69.686**, and **19, 15.067, 69.286** is the 20% darker color. If you saturate the color by 10%, you get **37, 20.005, 67.370**, and if you desaturate by 10%, it is **41, 10.891, 69.639**.

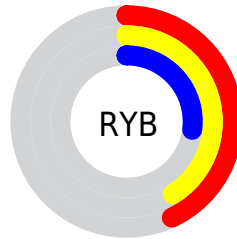
Distribution



 Red (43%)

 Green (35%)

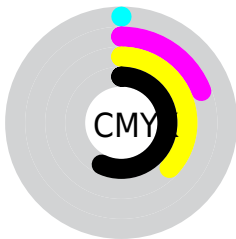
 Blue (27%)



 Red (43%)

 Yellow (41%)

 Blue (27%)

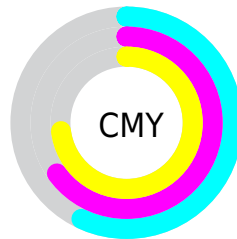



 Cyan (0%)

 Magenta (19%)

 Yellow (37%)

 Black (57%)



 Cyan (57%)

 Magenta (65%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 15.343, 68.499 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, 15.343, 68.499 by changing the saturation by 10% instead.

■ 39, 15.343, 68.499

■ 39, 15.343, 68.499

■ 100, 15.343,
68.499

■ 29, 15.343, 68.499

■ 59, 15.343, 68.499

■ 19, 15.343, 68.499

■ 69, 15.343, 68.499

■ 9, 15.343, 68.499

■ 79, 15.343, 68.499

■ 0, 15.343, 68.499

■ 89, 15.343, 68.499

■ 99, 15.343, 68.499

■ 39, 15.343, 68.499

■ 39, 15.343, 68.499

■ 37, 20.005, 67.370

■ 41, 10.891, 69.639

■ 35, 24.857, 66.230

■ 43, 6.647, 70.761

■ 34, 29.839, 65.064

■ 45, 2.602, 71.830

■ 32, 34.813, 63.815

■ 47, 1.261, 253.233

■ 31, 39.507, 62.353

■ 49, 4.959, 254.173

■ 29, 43.792, 60.735

■ 51, 8.510, 255.211

■ 29, 45.237, 60.307

■ 53, 11.929,
256.227

■ 55, 15.231,
257.212

■ 57, 18.430,
258.160

Harmonies

Complementary

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



39, 15.343, 68.499



37, 13.703, 258.260

Rectangle

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



39, 15.343, 68.499



39, 15.343, 118.499



39, 15.343, 248.499



39, 15.343, 298.499

Sweetspot

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



39, 15.343, 68.506



57, 5.394, 71.352



34, 21.381, 345.087



29, 3.608, 71.248



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



39, 15.343, 68.506



49, 23.442, 67.538



45, 22.679, 105.367



21, 2.164, 71.602



31, 48.009, 60.152



63, 83.904, 57.864

Inverse Universe

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



37, 13.703, 258.260



46, 20.322, 260.123



31, 24.592, 293.359



21, 2.116, 253.804



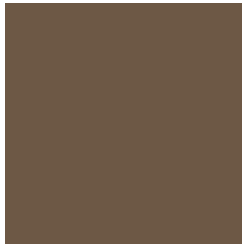
26, 37.259, 279.461



54, 67.723, 282.393

Previews

White Background



This preview shows how the CIELCh color 39, 15.343, 68.499 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, 15.343, 68.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

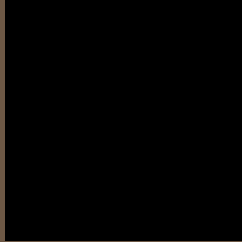
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 15.343, 68.499

Background



This preview shows how black text looks on a background with the CIELCh color 39, 15.343, 68.499.



This preview shows how white text looks on a background with the CIELCh color 39, 15.343, 68.499.

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, 15.343, 68.499

Protanopia

39, 13.052, 95.991

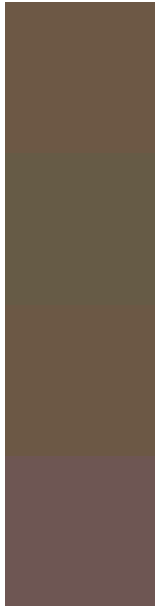
Deuteranopia

39, 15.030, 69.847



Tritanopia
39, 11.822, 3.235

Trichromacy



Original Color
39, 15.343, 68.499

Protanomaly
39, 13.779, 86.484

Deuteranomaly
39, 15.030, 69.847

Tritanomaly
39, 10.906, 30.426

Monochromacy



Original Color
39, 15.343, 68.499

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 5.253, 73.752

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 15.343, 68.499 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(109, 88, 69)` looks like.

```
.text, #text, p{  
    color:rgb(109, 88, 69)  
}
```

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(109, 88, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 88, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 15.343, 68.499 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(109, 88, 69) }
```

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

```
.border{ border-color:rgb(109, 88, 69) }
```

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

Here you see how a box with a 4 pixel rgb(109, 88, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 88, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 88, 69);  
box-shadow:4px 4px 4px 4px rgb(109, 88,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 15.343, 68.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 88, 69) }
```

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

```
.background{ background-color: rgb(109, 88,  
69) }
```

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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