

Converting Colors

CIELCh(39, 28.998, 69.779)

Have a look what the booklet for
CIELCh(39, 28.998, 69.779) contains.

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Color

CIELCh(39, 28.913, 69.555)

Conversions

Conversions Part 1

Format	Color
Hex	785530
RGB	120, 85, 48
RGB Percent	47%, 33%, 19%
CMY	0.5302, 0.6674, 0.8124
CMYK	0.00, 0.29, 0.60, 0.53
HSL	31°, 43%, 33%
HSV	31°, 60%, 47%
XYZ	11.4817, 10.6589, 4.2299
YIQ	91.2470, 32.7370, -4.0870

Conversions

Conversions Part 2

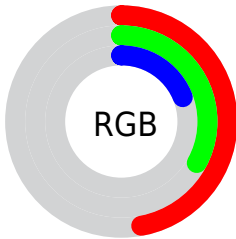
Format	Color
R _Y B	116, 120, 48
Decimal	7886128
CIE Lab	39.00, 10.10, 27.09
CIE LCh	39, 28.913, 69.555
Yxy	10.6589, 0.4354, 0.4042
Android (android.graphics.Color)	4286076208 (0xFF785530)
YUV	91.2470, -21.3208, 25.2164
Hunter-Lab	32.6480, 5.6413, 15.1720

Details

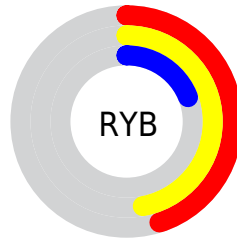
The CIELCh color **39, 28.913, 69.555** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **34, 24.866, 268.659**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 29.139, 69.778**, and **19, 29.204, 69.549** is the 20% darker color. If you saturate the color by 10%, you get **37, 34.202, 68.226**, and if you desaturate by 10%, it is **41, 23.661, 70.831**.

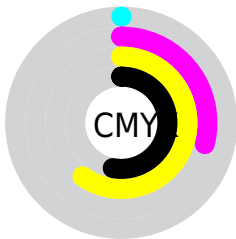
Distribution



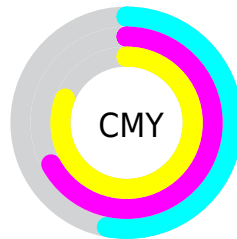
- Red (47%)
- Green (33%)
- Blue (19%)



- Red (45%)
- Yellow (47%)
- Blue (19%)



- Cyan (0%)
- Magenta (29%)
- Yellow (60%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 28.913, 69.555 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, 28.913, 69.555 by changing the saturation by 10% instead.

■ 39, 28.913, 69.555

■ 39, 28.913, 69.555

■ 100, 28.913,
69.555

■ 29, 28.913, 69.555

■ 59, 28.913, 69.555

■ 19, 28.913, 69.555

■ 69, 28.913, 69.555

■ 9, 28.913, 69.555

■ 79, 28.913, 69.555

■ 0, 28.913, 69.555

■ 89, 28.913, 69.555

■ 99, 28.913, 69.555

■ 39, 28.913, 69.555

■ 39, 28.913, 69.555

■ 37, 34.202, 68.226

■ 41, 23.661, 70.831

36, 39.313, 66.750

43, 18.551, 72.076

34, 43.851, 64.965

44, 13.627, 73.304

33, 48.170, 63.283

46, 8.903, 74.513

48, 4.373, 75.684

50, 0.027, 67.931

52, 4.151, 258.119

54, 8.178, 259.200

56, 12.070,
260.261

Harmonies

Complementary

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



39, 28.913, 69.555



34, 24.866, 268.659

Rectangle

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



39, 28.913, 69.555



39, 28.913, 119.555



39, 28.913, 249.555



39, 28.913, 299.555

Sweetspot

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



39, 28.913, 69.559



60, 9.851, 74.708



31, 36.137, 350.207



31, 6.934, 74.418



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



39, 28.913, 69.559



48, 43.667, 67.703



49, 39.958, 104.836



24, 2.395, 75.803



33, 48.942, 63.196



66, 83.780, 60.998

Inverse Universe

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



34, 24.866, 268.659



41, 36.608, 273.224



24, 47.275, 299.033



23, 2.354, 258.107



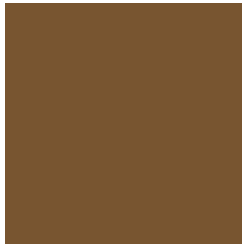
26, 41.631, 283.692



53, 74.542, 286.306

Previews

White Background



This preview shows how the CIELCh color 39, 28.913, 69.555 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, 28.913, 69.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

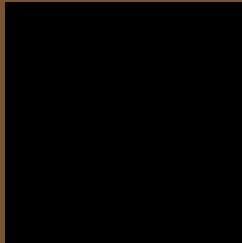
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 28.913, 69.555

Background



This preview shows how black text looks on a background with the CIELCh color 39, 28.913, 69.555.



This preview shows how white text looks on a background with the CIELCh color 39, 28.913, 69.555.

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, 28.913, 69.555

Protanopia

39, 25.511, 96.291

Deuteranopia

39, 27.886, 79.810



Tritanopia
39, 19.352, 11.710

Trichromacy



Original Color
39, 28.913, 69.555

Protanomaly
39, 25.979, 85.204

Deuteranomaly
39, 28.195, 76.724

Tritanomaly
39, 19.906, 39.412

Monochromacy



Original Color
39, 28.913, 69.555

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 10.181, 76.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 28.913, 69.555 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(120, 85, 48)` looks like.

```
.text, #text, p{  
    color:rgb(120, 85, 48)  
}
```

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(120, 85, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 85, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 28.913, 69.555 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(120, 85, 48) }
```

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

```
.border{ border-color:rgb(120, 85, 48) }
```

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

Here you see how a box with a 4 pixel rgb(120, 85, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 85, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 85, 48);  
box-shadow:4px 4px 4px 4px rgb(120, 85,  
48) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 28.913, 69.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 85, 48) }
```

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

```
.background{ background-color: rgb(120, 85,  
48) }
```

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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