

Converting Colors

CIELCh(39, 35.235, 69.491)

Have a look what the booklet for
CIELCh(39, 35.235, 69.491) contains.

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Color

CIELCh(39, 35.310, 69.556)

Conversions

Conversions Part 1

Format	Color
Hex	7C5325
RGB	124, 83, 37
RGB Percent	49%, 33%, 15%
CMY	0.5127, 0.6736, 0.8541
CMYK	0.00, 0.33, 0.70, 0.51
HSL	32°, 54%, 32%
HSV	32°, 70%, 49%
XYZ	11.7959, 10.6589, 3.2033
YIQ	90.0150, 39.2020, -5.6140

Conversions

Conversions Part 2

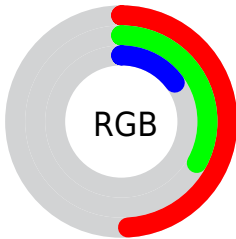
Format	Color
R_{YB}	115, 124, 37
Decimal	8147749
CIE Lab	39.00, 12.33, 33.09
CIE LCh	39, 35.310, 69.556
Yxy	10.6589, 0.4597, 0.4154
Android (android.graphics.Color)	4286337829 (0xFF7C5325)
YUV	90.0150, -26.1364, 29.8048
Hunter-Lab	32.6480, 7.3588, 17.0362

Details

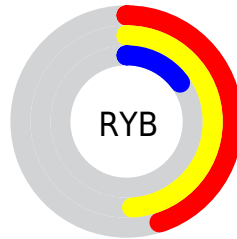
The CIELCh color **39, 35.310, 69.556** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **33, 30.362, 273.517**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 35.370, 68.799**, and **19, 30.687, 64.906** is the 20% darker color. If you saturate the color by 10%, you get **37, 40.497, 68.032**, and if you desaturate by 10%, it is **41, 29.902, 70.938**.

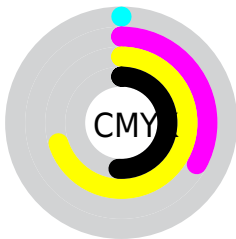
Distribution



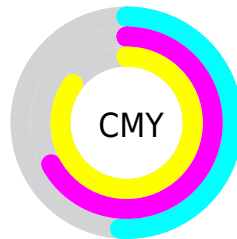
- Red (49%)
- Green (33%)
- Blue (15%)



- Red (45%)
- Yellow (49%)
- Blue (15%)



- Cyan (0%)
- Magenta (33%)
- Yellow (70%)
- Black (51%)



- Cyan (51%)
- Magenta (67%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 35.310, 69.556 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, 35.310, 69.556 by changing the saturation by 10% instead.

■ 39, 35.310, 69.556

■ 39, 35.310, 69.556

■ 100, 35.310,
69.556

■ 29, 35.310, 69.556

■ 59, 35.310, 69.556

■ 19, 35.310, 69.556

■ 69, 35.310, 69.556

■ 9, 35.310, 69.556

■ 79, 35.310, 69.556

■ 0, 35.310, 69.556

■ 89, 35.310, 69.556

■ 99, 35.310, 69.556

■ 39, 35.310, 69.556

■ 39, 35.310, 69.556

■ 37, 40.497, 68.032

■ 41, 29.902, 70.938

36, 45.047, 66.188

42, 24.506, 72.248

34, 49.257, 64.362

44, 19.237, 73.525

46, 14.146, 74.781

48, 9.248, 76.014

50, 4.542, 77.206

52, 0.018, 64.520

54, 4.342, 259.665

56, 8.550, 260.758

Harmonies

Complementary

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



39, 35.310, 69.556



33, 30.362, 273.517

Rectangle

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



39, 35.310, 69.556



39, 35.310, 119.556



39, 35.310, 249.556



39, 35.310, 299.556

Sweetspot

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



39, 35.309, 69.560



61, 11.987, 75.838



30, 41.744, 353.236



31, 8.214, 75.562



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



39, 35.309, 69.560



47, 52.208, 66.993



50, 46.668, 104.957



25, 2.509, 77.320



35, 49.460, 64.340



68, 83.954, 62.226

Inverse Universe

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



33, 30.362, 273.517



38, 44.785, 279.537



21, 57.555, 301.462



24, 2.470, 259.655



26, 43.554, 285.167



52, 77.374, 287.649

Previews

White Background



This preview shows how the CIELCh color 39, 35.310, 69.556 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, 35.310, 69.556 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, 35.310, 69.556

Background



This preview shows how black text looks on a background with the CIELCh color 39, 35.310, 69.556.



This preview shows how white text looks on a background with the CIELCh color 39, 35.310, 69.556.

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, 35.310, 69.556

Protanopia

39, 31.132, 95.196

Deuteranopia

39, 33.940, 81.517



Tritanopia
39, 22.104, 13.593

Trichromacy



Original Color
39, 35.310, 69.556

Protanomaly
39, 31.838, 85.114

Deuteranomaly
39, 34.312, 77.137

Tritanomaly
39, 23.632, 41.478

Monochromacy



Original Color
39, 35.310, 69.556

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 12.302, 76.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 35.310, 69.556 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(124, 83, 37)` looks like.

```
.text, #text, p{  
    color:rgb(124, 83, 37)  
}
```

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(124, 83, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 83, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 35.310, 69.556 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(124, 83, 37) }
```

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

```
.border{ border-color:rgb(124, 83, 37) }
```

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

Here you see how a box with a 4 pixel rgb(124, 83, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 83, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 83, 37);  
box-shadow:4px 4px 4px 4px rgb(124, 83,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 35.310, 69.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 83, 37) }
```

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

```
.background{ background-color: rgb(124, 83,  
37) }
```

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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