

Converting Colors

CIELCh(43, 28.412, 71.439)

Have a look what the booklet for
CIELCh(43, 28.412, 71.439) contains.

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Color

CIELCh(43, 28.470, 71.388)

Conversions

Conversions Part 1

Format	Color
Hex	815F39
RGB	129, 95, 57
RGB Percent	51%, 37%, 22%
CMY	0.4939, 0.6273, 0.7763
CMYK	0.00, 0.26, 0.56, 0.49
HSL	32°, 39%, 36%
HSV	32°, 56%, 51%
XYZ	13.8950, 13.1578, 5.6831
YIQ	100.8340, 32.4620, -4.6100

Conversions

Conversions Part 2

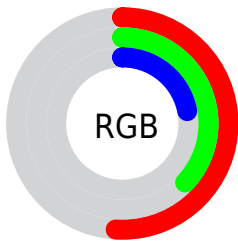
Format	Color
R_{YB}	121, 129, 57
Decimal	8478521
CIE _{Lab}	43.00, 9.09, 26.98
CIE _{LCh}	43, 28.470, 71.388
Yxy	13.1578, 0.4245, 0.4019
Android (android.graphics.Color)	4286668601 (0xFF815F39)
YUV	100.8340, -21.6102, 24.7016
Hunter-Lab	36.2736, 4.8977, 16.1024

Details

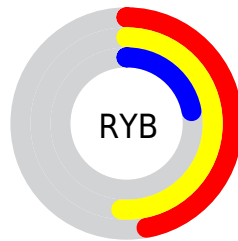
The CIELCh color **43, 28.470, 71.388** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **38, 25.068, 268.989**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 28.406, 70.747**, and **23, 28.401, 71.396** is the 20% darker color. If you saturate the color by 10%, you get **41, 34.065, 70.045**, and if you desaturate by 10%, it is **45, 22.947, 72.690**.

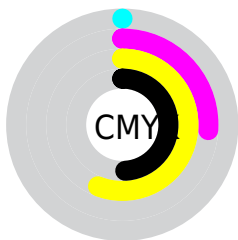
Distribution



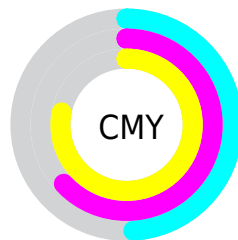
- Red (51%)
- Green (37%)
- Blue (22%)



- Red (47%)
- Yellow (51%)
- Blue (22%)



- Cyan (0%)
- Magenta (26%)
- Yellow (56%)
- Black (49%)



- Cyan (49%)
- Magenta (63%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 28.470, 71.388 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 43, 28.470, 71.388 by changing the saturation by 10% instead.

■ 43, 28.470, 71.388

■ 43, 28.470, 71.388

■ 100, 28.470,
71.388

■ 33, 28.470, 71.388

■ 63, 28.470, 71.388

■ 23, 28.470, 71.388

■ 73, 28.470, 71.388

■ 13, 28.470, 71.388

■ 83, 28.470, 71.388

■ 3, 28.470, 71.388

■ 93, 28.470, 71.388

■ 0, 28.470, 71.388

■ 43, 28.470, 71.388

■ 43, 28.470, 71.388

■ 41, 34.065, 70.045

■ 45, 22.947, 72.690

■ 39, 39.550, 68.588

■ 47, 17.584, 73.962

■ 38, 44.573, 66.891

■ 49, 12.416, 75.213

■ 36, 48.746, 64.829

■ 51, 7.449, 76.436

■ 36, 50.658, 64.141

■ 53, 2.677, 77.588

■ 55, 1.912, 258.994

■ 57, 6.337, 260.049

■ 59, 10.612,
261.140

■ 61, 14.754,
262.198

Harmonies

Complementary

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



43, 28.470, 71.388



38, 25.068, 268.989

Rectangle

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



43, 28.470, 71.388



43, 28.470, 121.388



43, 28.470, 251.388



43, 28.470, 301.388

Sweetspot

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



43, 28.470, 71.392



65, 9.991, 76.243



35, 35.682, 350.651



33, 6.674, 76.048



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 28.470, 71.392



53, 43.228, 69.656



52, 39.772, 105.932



26, 2.595, 77.227



35, 50.212, 64.188



0, 0.000, 0.000

Inverse Universe

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



38, 25.068, 268.989



45, 37.188, 273.011



28, 46.338, 298.625



25, 2.554, 259.577



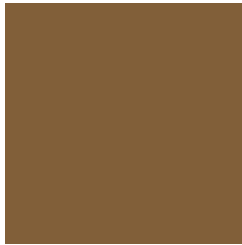
26, 44.212, 285.189



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 28.470, 71.388 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 43, 28.470, 71.388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

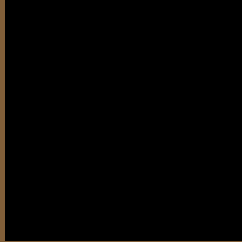
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 28.470, 71.388

Background



This preview shows how black text looks on a background with the CIELCh color 43, 28.470, 71.388.



This preview shows how white text looks on a background with the CIELCh color 43, 28.470, 71.388.

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

43, 28.470, 71.388

Protanopia

43, 25.795, 95.812

Deuteranopia

43, 27.404, 78.174



Tritanopia
43, 18.591, 9.216

Trichromacy



Original Color
43, 28.470, 71.388

Protanomaly
43, 26.081, 86.079

Deuteranomaly
43, 27.741, 75.119

Tritanomaly
43, 18.963, 39.724

Monochromacy



Original Color
43, 28.470, 71.388

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 9.973, 76.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 28.470, 71.388 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(129, 95, 57)` looks like.

```
.text, #text, p{  
    color:rgb(129, 95, 57)  
}
```

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(129, 95, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 95, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 28.470, 71.388 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(129, 95, 57) }
```

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

```
.border{ border-color:rgb(129, 95, 57) }
```

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

Here you see how a box with a 4 pixel rgb(129, 95, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 95, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 95, 57);  
box-shadow:4px 4px 4px 4px rgb(129, 95,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 28.470, 71.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 95, 57) }
```

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

```
.background{ background-color: rgb(129, 95,  
57) }
```

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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