

Converting Colors

CIELCh(44, 29.596, 74.064)

Have a look what the booklet for
CIELCh(44, 29.596, 74.064) contains.

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Color

CIELCh(44, 29.485, 73.800)

Conversions

Conversions Part 1

Format	Color
Hex	836239
RGB	131, 98, 57
RGB Percent	51%, 38%, 22%
CMY	0.4865, 0.6159, 0.7767
CMYK	0.00, 0.25, 0.57, 0.49
HSL	33°, 39%, 37%
HSV	33°, 57%, 51%
XYZ	14.4482, 13.8382, 5.7727
YIQ	103.1930, 32.8290, -5.7550

Conversions

Conversions Part 2

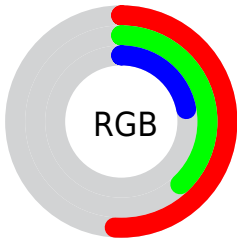
Format	Color
R_{YB}	117, 131, 57
Decimal	8610361
CIE Lab	44.00, 8.23, 28.31
CIE LCh	44, 29.485, 73.800
Yxy	13.8382, 0.4242, 0.4063
Android (android.graphics.Color)	4286800441 (0xFF836239)
YUV	103.1930, -22.7731, 24.3867
Hunter-Lab	37.1997, 4.2291, 16.8391

Details

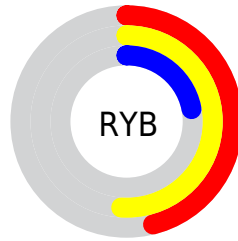
The CIELCh color **44, 29.485, 73.800** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **37, 26.629, 271.880**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 29.566, 74.317**, and **24, 29.740, 74.202** is the 20% darker color. If you saturate the color by 10%, you get **42, 35.091, 72.398**, and if you desaturate by 10%, it is **46, 23.900, 75.151**.

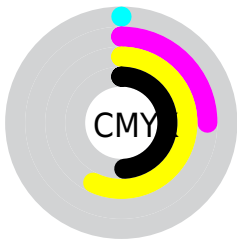
Distribution



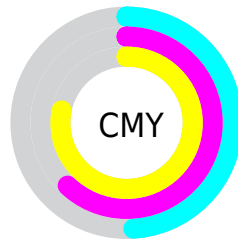
- Red (51%)
- Green (38%)
- Blue (22%)



- Red (46%)
- Yellow (51%)
- Blue (22%)



- Cyan (0%)
- Magenta (25%)
- Yellow (57%)
- Black (49%)



- Cyan (49%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 29.485, 73.800 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 44, 29.485, 73.800 by changing the saturation by 10% instead.

■ 44, 29.485, 73.800 ■ 44, 29.485, 73.800

■ 100, 29.485, 73.800 ■ 34, 29.485, 73.800

■ 64, 29.485, 73.800 ■ 24, 29.485, 73.800

■ 74, 29.485, 73.800 ■ 14, 29.485, 73.800

■ 84, 29.485, 73.800 ■ 4, 29.485, 73.800

■ 94, 29.485, 73.800 ■ 0, 29.485, 73.800

■ 44, 29.485, 73.800 ■ 44, 29.485, 73.800

■ 42, 35.091, 72.398 ■ 46, 23.900, 75.151

■ 41, 40.512, 70.869 ■ 48, 18.440, 76.462

■ 39, 45.368, 69.088

■ 50, 13.148, 77.746

■ 37, 49.320, 66.963

■ 51, 8.039, 78.998

■ 37, 50.832, 66.353

■ 53, 3.110, 80.184

■ 55, 1.648, 261.604

■ 57, 6.250, 262.657

■ 59, 10.710,
263.758

■ 62, 15.043,
264.823

Harmonies

Complementary

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



44, 29.485, 73.800



37, 26.629, 271.880

Rectangle

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



44, 29.485, 73.800



44, 29.485, 123.800



44, 29.485, 253.800



44, 29.485, 303.800

Sweetspot

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



44, 29.485, 73.804



66, 10.305, 78.889



35, 35.964, 352.965



34, 6.968, 78.682



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



44, 29.485, 73.804



54, 44.687, 71.947



53, 40.727, 107.463



27, 2.737, 79.885



37, 50.581, 66.379



0, 0.647, 81.039

Inverse Universe

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



37, 26.629, 271.880



44, 39.778, 276.001



28, 47.528, 299.552



26, 2.702, 262.265



26, 47.247, 287.591



0, 0.648, 261.050

Previews

White Background



This preview shows how the CIELCh color 44, 29.485, 73.800 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 44, 29.485, 73.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

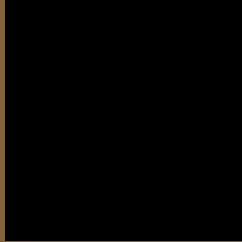
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 29.485, 73.800

Background



This preview shows how black text looks on a background with the CIELCh color 44, 29.485, 73.800.



This preview shows how white text looks on a background with the CIELCh color 44, 29.485, 73.800.

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

44, 29.485, 73.800

Protanopia

44, 26.830, 96.131

Deuteranopia

44, 28.841, 77.451



Tritanopia
44, 18.063, 8.741

Trichromacy



Original Color
44, 29.485, 73.800

Protanomaly
44, 27.400, 88.042

Deuteranomaly
44, 29.103, 76.642

Tritanomaly
44, 18.659, 41.726

Monochromacy



Original Color
44, 29.485, 73.800

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 10.455, 78.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 29.485, 73.800 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(131, 98, 57)` looks like.

```
.text, #text, p{  
    color:rgb(131, 98, 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(131, 98, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 98, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 29.485, 73.800 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(131, 98, 57) }
```

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

```
.border{ border-color:rgb(131, 98, 57) }
```

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

Here you see how a box with a 4 pixel rgb(131, 98, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 98, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 98, 57);  
box-shadow:4px 4px 4px 4px rgb(131, 98,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 29.485, 73.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 98, 57) }
```

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

```
.background{ background-color: rgb(131, 98,  
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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