

Converting Colors

CIELCh(47, 2.400, 291.167)

Have a look what the booklet for
CIELCh(47, 2.400, 291.167) contains.

CIELCh(47, 2.372, 290.519)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(47, 2.372, 290.519)

Conversions

Conversions Part 1

Format	Color
Hex	6F6F73
RGB	111, 111, 115
RGB Percent	44%, 44%, 45%
CMY	0.5643, 0.5643, 0.5486
CMYK	0.03, 0.03, 0.00, 0.55
HSL	240°, 2%, 44%
HSV	240°, 3%, 45%
XYZ	15.3663, 16.0195, 18.5347
YIQ	111.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

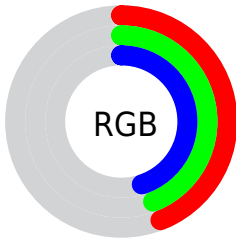
Format	Color
RYB	111, 111, 115
Decimal	7303027
CIELab	47.00, 0.83, -2.22
CIElCh	47, 2.372, 290.519
Yxy	16.0195, 0.3078, 0.3209
Android (android.graphics.Color)	4285493107 (0xFF6F6F73)
YUV	111.4560, 1.7472, -0.3999
Hunter-Lab	40.0243, -1.5121, 0.5606

Details

The CIELCh color $47, 2.372, 290.519$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 2.342, 109.826$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 2.215, 290.432$, and $27, 2.611, 290.712$ is the 20% darker color. If you saturate the color by 10%, you get $43, 9.352, 291.520$, and if you desaturate by 10%, it is $51, 4.351, 109.589$.

Distribution



Red (44%)

Green (44%)

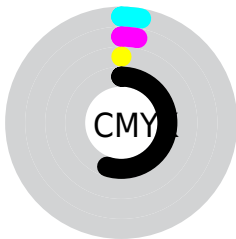
Blue (45%)



Red (44%)

Yellow (44%)

Blue (45%)

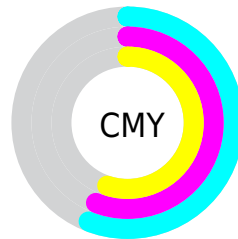


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (55%)



Cyan (56%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 2.372, 290.519 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 47, 2.372, 290.519 by changing the saturation by 10% instead.

■ 47, 2.372, 290.519	■ 47, 2.372, 290.519
■ 100, 2.372, 290.519	■ 37, 2.372, 290.519
■ 67, 2.372, 290.519	■ 27, 2.372, 290.519
■ 77, 2.372, 290.519	■ 17, 2.372, 290.519
■ 87, 2.372, 290.519	■ 7, 2.372, 290.519
■ 97, 2.372, 290.519	■ 0, 2.372, 290.519

■ 47, 2.372, 290.519	■ 47, 2.372, 290.519
■ 43, 9.352, 291.520	■ 51, 4.351, 109.589
■ 38, 16.612, 292.729	■ 55, 10.834, 108.838

■ 34, 24.170,
294.140

■ 60, 17.093,
108.188

■ 30, 32.039,
295.775

■ 64, 23.144,
107.627

■ 26, 40.201,
297.633

■ 68, 29.000,
107.141

■ 22, 48.559,
299.674

■ 72, 34.673,
106.717

■ 18, 56.842,
301.785

■ 76, 40.175,
106.347

■ 15, 64.449,
303.751

■ 80, 45.516,
106.022

■ 12, 70.482,
305.299

■ 84, 50.707,
105.736

Harmonies

Complementary

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



47, 2.372, 290.519



48, 2.342, 109.826

Rectangle

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



47, 2.372, 290.519



47, 2.372, 340.519



47, 2.372, 110.519



47, 2.372, 160.519

Sweetspot

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



47, 2.371, 290.500



62, 0.851, 290.314



48, 1.605, 198.049



32, 0.488, 290.312



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



47, 2.371, 290.500



60, 3.401, 290.558



47, 2.506, 308.600



23, 1.952, 290.597



12, 77.704, 306.278



32, 131.764, 306.283

Inverse Universe

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



47, 1.638, 19.341



60, 2.353, 19.412



48, 2.483, 128.370



24, 1.352, 19.455



24, 59.029, 37.970



52, 102.967, 39.987

Previews

White Background



This preview shows how the CIELCh color 47, 2.372, 290.519 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 47, 2.372, 290.519 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

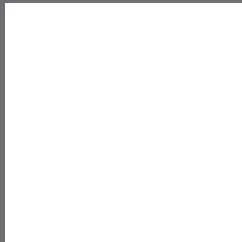
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 2.372, 290.519

Background



This preview shows how black text looks on a background with the CIELCh color 47, 2.372, 290.519.



This preview shows how white text looks on a background with the CIELCh color 47, 2.372, 290.519.

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


47, 2.372, 290.519

Protanopia

47, 2.411, 300.106

Deuteranopia

47, 6.820, 336.304



Tritanopia
47, 5.407, 299.330

Trichromacy



Original Color
47, 2.372, 290.519

Protanomaly
47, 2.411, 300.106

Deuteranomaly
47, 5.285, 328.387

Tritanomaly
47, 4.823, 300.316

Monochromacy



Original Color
47, 2.372, 290.519

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 0.597, 290.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 2.372, 290.519 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(111, 111, 115)` looks like.

```
.text, #text, p{  
    color:rgb(111, 111, 115)  
}
```

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(111, 111, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 111, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 2.372, 290.519 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(111, 111, 115) }
```

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

```
.border{ border-color:rgb(111, 111, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 111, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 111, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 111, 115);  
box-shadow:4px 4px 4px 4px rgb(111, 111,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 2.372, 290.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 111, 115) }
```

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

```
.background{ background-color: rgb(111,  
111, 115) }
```

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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