

Converting Colors

CIELCh(47, 4.153, 1.700)

Have a look what the booklet for
CIELCh(47, 4.153, 1.700) contains.

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Color

CIELCh(47, 4.293, 3.912)

Conversions

Conversions Part 1

Format	Color
Hex	776D6F
RGB	119, 109, 111
RGB Percent	47%, 43%, 44%
CMY	0.5332, 0.5724, 0.5645
CMYK	0.00, 0.08, 0.07, 0.53
HSL	348°, 4%, 45%
HSV	348°, 8%, 47%
XYZ	15.9579, 16.0195, 17.3017
YIQ	112.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

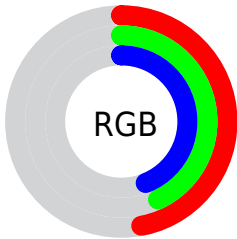
Format	Color
R _Y B	119, 109, 111
Decimal	7826799
CIE Lab	47.00, 4.28, 0.29
CIE LCh	47, 4.293, 3.912
Yxy	16.0195, 0.3238, 0.3251
Android (android.graphics.Color)	4286016879 (0xFF776D6F)
YUV	112.2180, -0.6005, 5.9478
Hunter-Lab	40.0243, 1.1262, 2.3871

Details

The CIELCh color $47, 4.293, 3.912$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 4.157, 182.637$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 4.540, 358.375$, and $27, 4.165, 11.166$ is the 20% darker color. If you saturate the color by 10%, you get $43, 9.637, 4.983$, and if you desaturate by 10%, it is $51, 0.794, 183.574$.

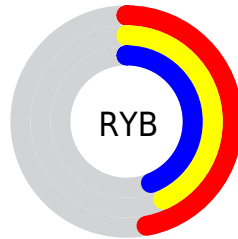
Distribution



Red (47%)

Green (43%)

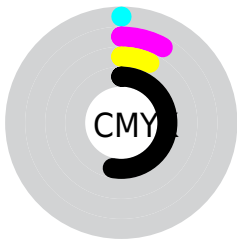
Blue (44%)



Red (47%)

Yellow (43%)

Blue (44%)

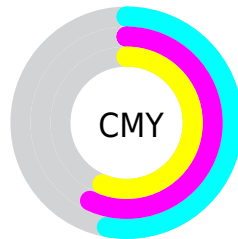


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 4.293, 3.912 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, 4.293, 3.912 by changing the saturation by 10% instead.

■ 47, 4.293, 3.912

■ 47, 4.293, 3.912

■ 100, 4.293, 3.912

■ 37, 4.293, 3.912

■ 67, 4.293, 3.912

■ 27, 4.293, 3.912

■ 77, 4.293, 3.912

■ 17, 4.293, 3.912

■ 87, 4.293, 3.912

■ 7, 4.293, 3.912

■ 97, 4.293, 3.912

■ 0, 4.293, 3.912

■ 47, 4.293, 3.912

■ 47, 4.293, 3.912

■ 43, 9.637, 4.983

■ 51, 0.794, 183.574

■ 40, 15.215, 6.193

■ 54, 5.617, 182.438

■ 37, 20.967, 7.638

■ 58, 10.185,



Harmonies

Complementary

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



47, 4.293, 3.912



49, 4.157, 182.637

Rectangle

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



47, 4.293, 3.912



47, 4.293, 53.912



47, 4.293, 183.912



47, 4.293, 233.912

Sweetspot

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



47, 4.292, 3.925



63, 1.884, 3.302



47, 6.765, 319.143



33, 1.442, 3.408



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



47, 4.292, 3.925



60, 6.391, 4.116



48, 3.386, 50.934



23, 2.846, 3.989



24, 53.036, 27.309



52, 92.438, 30.569

Inverse Universe

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



47, 4.292, 3.925



60, 6.391, 4.116



48, 3.246, 232.253



23, 2.846, 3.989



24, 53.036, 27.309



52, 92.438, 30.569

Previews

White Background



This preview shows how the CIELCh color 47, 4.293, 3.912 looks on a white background.

Color Contrast Check

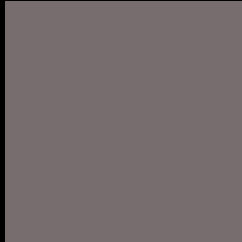
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.293, 3.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

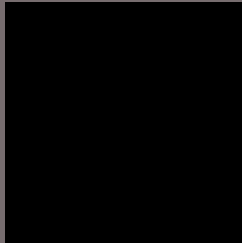
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 4.293, 3.912

Background



This preview shows how black text looks on a background with the CIELCh color 47, 4.293, 3.912.



This preview shows how white text looks on a background with the CIELCh color 47, 4.293, 3.912.

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, 4.293, 3.912

Protanopia

47, 1.016, 343.524

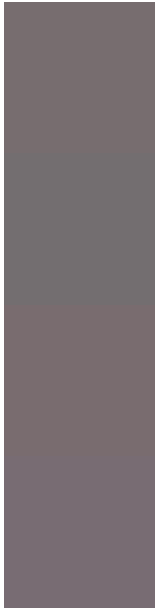
Deuteranopia

47, 6.061, 3.157



Tritanopia
47, 7.238, 332.929

Trichromacy



Original Color

47, 4.293, 3.912

Protanomaly

47, 2.372, 349.656

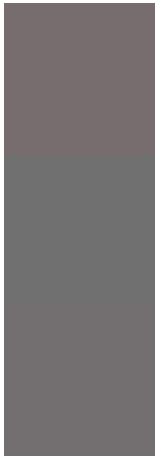
Deuteranomaly

47, 5.662, 1.853

Tritanomaly

47, 6.429, 340.114

Monochromacy



Original Color

47, 4.293, 3.912

Achromatopsia

47, 0.006, 296.813

Achromatomaly

47, 1.744, 359.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 4.293, 3.912 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(119, 109, 111)` looks like.

```
.text, #text, p{  
    color:rgb(119, 109, 111)  
}
```

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(119, 109, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 109, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 4.293, 3.912 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(119, 109, 111) }
```

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

```
.border{ border-color:rgb(119, 109, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 109, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 109, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 109, 111);  
box-shadow:4px 4px 4px 4px rgb(119, 109,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 4.293, 3.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 109, 111) }
```

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

```
.background{ background-color: rgb(119,  
109, 111) }
```

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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