

Converting Colors

CIELCh(47, 5.974, 308.234)

Have a look what the booklet for
CIELCh(47, 5.974, 308.234) contains.

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Color

CIELCh(47, 5.588, 307.431)

Conversions

Conversions Part 1

Format	Color
Hex	726E77
RGB	114, 110, 119
RGB Percent	45%, 43%, 47%
CMY	0.5535, 0.5691, 0.5339
CMYK	0.04, 0.08, 0.00, 0.53
HSL	267°, 4%, 45%
HSV	267°, 8%, 47%
XYZ	15.8045, 16.0195, 19.6686
YIQ	112.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

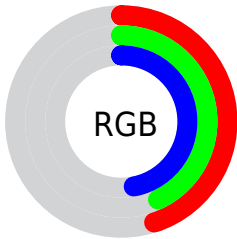
Format	Color
R_{YB}	114, 110, 119
Decimal	7499383
CIE _{Lab}	47.00, 3.40, -4.44
CIE _{LCh}	47, 5.588, 307.431
Yxy	16.0195, 0.3069, 0.3111
Android (android.graphics.Color)	4285689463 (0xFF726E77)
YUV	112.2220, 3.3416, 1.5593
Hunter-Lab	40.0243, 0.4422, -1.1191

Details

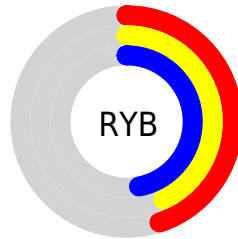
The CIELCh color **47, 5.588, 307.431** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 5.517, 126.779**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 5.216, 307.329**, and **27, 5.390, 305.110** is the 20% darker color. If you saturate the color by 10%, you get **43, 13.153, 307.924**, and if you desaturate by 10%, it is **51, 1.759, 127.036**.

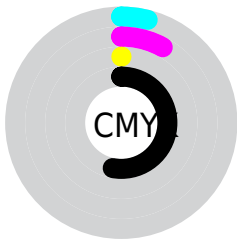
Distribution



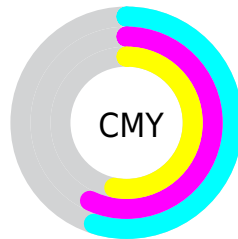
- Red (45%)
- Green (43%)
- Blue (47%)



- Red (45%)
- Yellow (43%)
- Blue (47%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 5.588, 307.431 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, 5.588, 307.431 by changing the saturation by 10% instead.

■ 47, 5.588, 307.431

■ 47, 5.588, 307.431

■ 100, 5.588,
307.431

■ 37, 5.588, 307.431

■ 67, 5.588, 307.431

■ 27, 5.588, 307.431

■ 77, 5.588, 307.431

■ 17, 5.588, 307.431

■ 87, 5.588, 307.431

■ 7, 5.588, 307.431

■ 97, 5.588, 307.431

■ 0, 5.588, 307.431

■ 47, 5.588, 307.431

■ 47, 5.588, 307.431

■ 43, 13.153,
307.924

■ 51, 1.759, 127.036

■ 39, 20.927,

■ 55, 8.879, 126.611

308.460

59, 15.780,
126.258

35, 28.869,
309.031

63, 22.469,
125.950

31, 36.904,
309.620

67, 28.956,
125.681

28, 44.895,
310.196

70, 35.251,
125.448

24, 52.606,
310.708

74, 41.365,
125.246

21, 59.670,
311.077

78, 47.308,
125.072

19, 65.583,
311.201

82, 53.091,
124.923

16, 70.292,
311.111

Harmonies

Complementary

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



47, 5.588, 307.431



49, 5.517, 126.779

Rectangle

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



47, 5.588, 307.431



47, 5.588, 357.431



47, 5.588, 127.431



47, 5.588, 177.431

Sweetspot

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



47, 5.587, 307.427



63, 1.830, 307.144



48, 3.027, 248.810



33, 1.049, 307.134



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, 5.587, 307.427



60, 8.299, 307.507



47, 6.330, 322.980



23, 4.118, 307.497



17, 73.051, 311.101



38, 124.629, 310.500

Inverse Universe

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



47, 4.725, 341.278



60, 7.014, 341.417



49, 6.312, 142.287



23, 3.481, 341.400



26, 50.171, 355.431



54, 84.383, 357.577

Previews

White Background



This preview shows how the CIELCh color 47, 5.588, 307.431 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, 5.588, 307.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

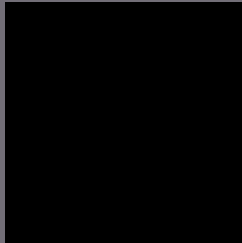
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

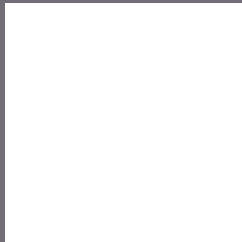
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 5.588, 307.431

Background



This preview shows how black text looks on a background with the CIELCh color 47, 5.588, 307.431.



This preview shows how white text looks on a background with the CIELCh color 47, 5.588, 307.431.

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, 5.588, 307.431

Protanopia

47, 4.739, 290.830

Deuteranopia

47, 7.908, 324.902



Tritanopia
47, 5.588, 307.431

Trichromacy



Original Color
47, 5.588, 307.431

Protanomaly
47, 4.761, 295.600

Deuteranomaly
47, 6.767, 319.143

Tritanomaly
47, 5.588, 307.431

Monochromacy



Original Color
47, 5.588, 307.431

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 1.965, 314.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 5.588, 307.431 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(114, 110, 119)` looks like.

```
.text, #text, p{  
    color:rgb(114, 110, 119)  
}
```

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(114, 110, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 110, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 5.588, 307.431 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(114, 110, 119) }
```

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

```
.border{ border-color:rgb(114, 110, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 110, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 110, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 110, 119);  
box-shadow:4px 4px 4px 4px rgb(114, 110,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 5.588, 307.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 110, 119) }
```

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

```
.background{ background-color: rgb(114,  
110, 119) }
```

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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