

Converting Colors

CIELCh(47, 7.684, 309.815)

Have a look what the booklet for
CIELCh(47, 7.684, 309.815) contains.

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Color

CIELCh(47, 7.533, 309.481)

Conversions

Conversions Part 1

Format	Color
Hex	736D79
RGB	115, 109, 121
RGB Percent	45%, 43%, 47%
CMY	0.5483, 0.5718, 0.5247
CMYK	0.05, 0.10, 0.00, 0.52
HSL	270°, 5%, 45%
HSV	270°, 10%, 48%
XYZ	16.0460, 16.0195, 20.3960
YIQ	112.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

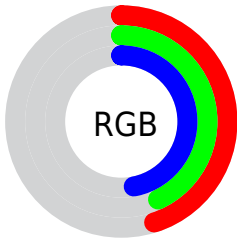
Format	Color
R_{YB}	115, 109, 121
Decimal	7564665
CIE Lab	47.00, 4.79, -5.81
CIE LCh	47, 7.533, 309.481
Yxy	16.0195, 0.3059, 0.3054
Android (android.graphics.Color)	4285754745 (0xFF736D79)
YUV	112.1620, 4.3571, 2.4889
Hunter-Lab	40.0243, 1.5191, -2.1967

Details

The CIELCh color $47, 7.533, 309.481$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 7.429, 128.660$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 7.687, 310.703$, and $27, 7.518, 308.105$ is the 20% darker color. If you saturate the color by 10%, you get $43, 15.339, 309.949$, and if you desaturate by 10%, it is $51, 0.066, 130.294$.

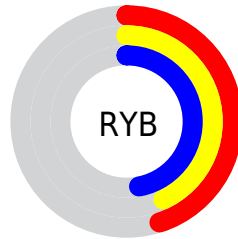
Distribution



Red (45%)

Green (43%)

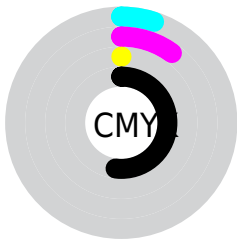
Blue (47%)



Red (45%)

Yellow (43%)

Blue (47%)

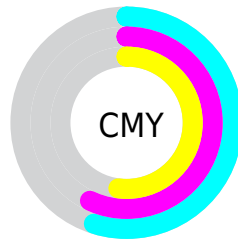


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (52%)



Cyan (55%)













Magenta (57%)







Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 7.533, 309.481 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, 7.533, 309.481 by changing the saturation by 10% instead.

 47, 7.533, 309.481	 47, 7.533, 309.481
 100, 7.533, 309.481	 37, 7.533, 309.481
 67, 7.533, 309.481	 27, 7.533, 309.481
 77, 7.533, 309.481	 17, 7.533, 309.481
 87, 7.533, 309.481	 7, 7.533, 309.481
 97, 7.533, 309.481	 0, 7.533, 309.481

 47, 7.533, 309.481	 47, 7.533, 309.481
 43, 15.339, 309.949	 51, 0.066, 130.294
 39, 23.329,	 55, 7.444, 128.688

310.449

59, 14.601,
128.338

35, 31.445,
310.968

63, 21.542,
128.030

32, 39.583,
311.484

67, 28.276,
127.760

28, 47.568,
311.962

70, 34.812,
127.523

25, 55.118,
312.344

74, 41.160,
127.317

22, 61.830,
312.553

78, 47.331,
127.139

19, 67.198,
312.491

82, 53.336,
126.985

17, 71.647,
312.310

Harmonies

Complementary

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



47, 7.533, 309.481



50, 7.429, 128.660

Rectangle

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



47, 7.533, 309.481



47, 7.533, 359.481



47, 7.533, 129.481



47, 7.533, 179.481

Sweetspot

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



47, 7.532, 309.479



64, 2.814, 309.158



48, 4.149, 254.866



33, 2.123, 309.195



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, 7.532, 309.479



59, 11.382, 309.589



48, 8.557, 324.485



24, 4.314, 309.441



18, 73.308, 312.274



40, 124.096, 311.679

Inverse Universe

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



47, 6.062, 344.392



60, 9.156, 344.603



50, 8.542, 143.475



24, 3.473, 344.319



26, 50.114, 0.450



54, 83.989, 2.912

Previews

White Background



This preview shows how the CIELCh color 47, 7.533, 309.481 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 47, 7.533, 309.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

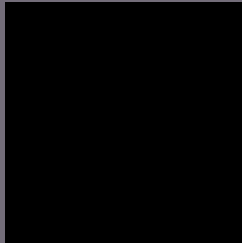
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 7.533, 309.481

Background



This preview shows how black text looks on a background with the CIELCh color 47, 7.533, 309.481.



This preview shows how white text looks on a background with the CIELCh color 47, 7.533, 309.481.

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, 7.533, 309.481

Protanopia

47, 6.518, 287.635

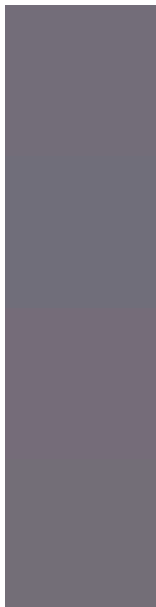
Deuteranopia

47, 8.714, 318.310



Tritanopia
47, 5.169, 313.557

Trichromacy



Original Color
47, 7.533, 309.481

Protanomaly
47, 7.169, 297.418

Deuteranomaly
47, 8.539, 315.904

Tritanomaly
47, 5.717, 311.275

Monochromacy



Original Color
47, 7.533, 309.481

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 2.515, 309.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 7.533, 309.481 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(115, 109, 121)` looks like.

```
.text, #text, p{  
    color:rgb(115, 109, 121)  
}
```

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(115, 109, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 109, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 7.533, 309.481 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(115, 109, 121) }
```

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

```
.border{ border-color:rgb(115, 109, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 109, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 109, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 109, 121);  
box-shadow:4px 4px 4px 4px rgb(115, 109,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 7.533, 309.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 109, 121) }
```

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

```
.background{ background-color: rgb(115,  
109, 121) }
```

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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