

Converting Colors

CIELCh(47, 6.382, 319.414)

Have a look what the booklet for
CIELCh(47, 6.382, 319.414) contains.

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Color

CIELCh(47, 6.256, 321.723)

Conversions

Conversions Part 1

Format	Color
Hex	756D76
RGB	117, 109, 118
RGB Percent	46%, 43%, 46%
CMY	0.5413, 0.5726, 0.5374
CMYK	0.01, 0.08, 0.00, 0.54
HSL	293°, 4%, 45%
HSV	293°, 8%, 46%
XYZ	16.0671, 16.0195, 19.3768
YIQ	112.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

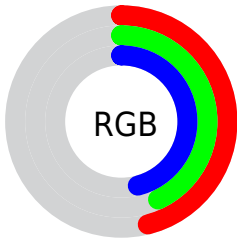
Format	Color
R_{YB}	117, 109, 118
Decimal	7695734
CIE _{Lab}	47.00, 4.91, -3.88
CIE _{LCh}	47, 6.256, 321.723
Yxy	16.0195, 0.3122, 0.3113
Android (android.graphics.Color)	4285885814 (0xFF756D76)
YUV	112.4180, 2.7519, 4.0184
Hunter-Lab	40.0243, 1.6135, -0.6868

Details

The CIELCh color **47, 6.256, 321.723** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 6.233, 141.061**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 6.519, 321.963**, and **27, 6.075, 321.466** is the 20% darker color. If you saturate the color by 10%, you get **44, 14.546, 322.196**, and if you desaturate by 10%, it is **50, 1.920, 141.377**.

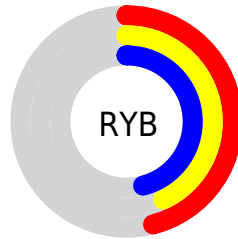
Distribution



Red (46%)

Green (43%)

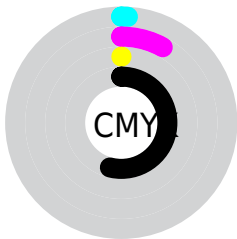
Blue (46%)



Red (46%)

Yellow (43%)

Blue (46%)

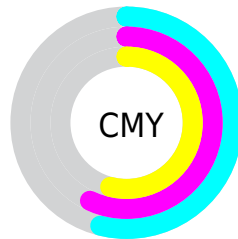


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (54%)



Cyan (54%)

Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 6.256, 321.723 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, 6.256, 321.723 by changing the saturation by 10% instead.

■ 47, 6.256, 321.723

■ 47, 6.256, 321.723

■ 100, 6.256,
321.723

■ 37, 6.256, 321.723

■ 67, 6.256, 321.723

■ 27, 6.256, 321.723

■ 77, 6.256, 321.723

■ 17, 6.256, 321.723

■ 87, 6.256, 321.723

■ 7, 6.256, 321.723

■ 97, 6.256, 321.723

■ 0, 6.256, 321.723

■ 47, 6.256, 321.723

■ 47, 6.256, 321.723

■ 44, 14.546,
322.196

■ 50, 1.920, 141.377

■ 40, 22.868,

■ 54, 9.924, 140.872

322.655

57, 17.726,
140.445

37, 31.090,
323.092

61, 25.312,
140.046

34, 39.027,
323.492

65, 32.676,
139.672

32, 46.434,
323.832

68, 39.821,
139.324

29, 53.012,
324.086

72, 46.754,
139.001

27, 58.441,
324.228

75, 53.484,
138.704

26, 62.445,
324.232

79, 60.021,
138.429

25, 65.212,
324.121

Harmonies

Complementary

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



47, 6.256, 321.723



49, 6.233, 141.061

Rectangle

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



47, 6.256, 321.723



47, 6.256, 11.723



47, 6.256, 141.723



47, 6.256, 191.723

Sweetspot

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



47, 6.254, 321.722



62, 2.025, 321.400



47, 4.727, 285.799



32, 1.144, 321.385



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, 6.254, 321.722



59, 9.142, 321.800



47, 4.940, 338.349



23, 4.598, 321.791



26, 67.630, 324.082



54, 114.727, 323.859

Inverse Universe

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



47, 3.764, 10.760



59, 5.523, 10.914



49, 4.907, 157.371



23, 2.777, 10.895



24, 55.995, 33.299



52, 97.981, 36.123

Previews

White Background



This preview shows how the CIELCh color 47, 6.256, 321.723 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, 6.256, 321.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

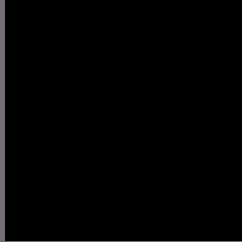
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 6.256, 321.723

Background



This preview shows how black text looks on a background with the CIELCh color 47, 6.256, 321.723.

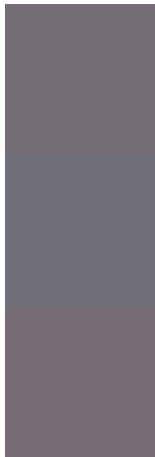


This preview shows how white text looks on a background with the CIELCh color 47, 6.256, 321.723.

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, 6.256, 321.723

Protanopia

47, 4.739, 290.830

Deuteranopia

47, 7.430, 327.478



Tritanopia
47, 6.256, 321.723

Trichromacy



Original Color

47, 6.256, 321.723

Protanomaly

47, 5.484, 303.439

Deuteranomaly

47, 7.196, 324.859

Tritanomaly

47, 6.256, 321.723

Monochromacy



Original Color

47, 6.256, 321.723

Achromatopsia

47, 0.006, 296.813

Achromatomaly

47, 2.167, 324.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 6.256, 321.723 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(117, 109, 118)` looks like.

```
.text, #text, p{  
    color:rgb(117, 109, 118)  
}
```

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(117, 109, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 109, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 6.256, 321.723 is called "border". The border property can be set on classes, ids or directly on the HTML element.

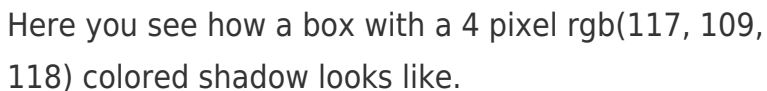
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 109, 118) }
```

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

```
.border{ border-color:rgb(117, 109, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 109, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 109, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 109, 118);  
box-shadow:4px 4px 4px 4px rgb(117, 109,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 6.256, 321.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 109, 118) }
```

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

```
.background{ background-color: rgb(117,  
109, 118) }
```

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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