

Converting Colors

CIELCh(47, 9.499, 337.439)

Have a look what the booklet for
CIELCh(47, 9.499, 337.439) contains.

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Color

CIELCh(47, 9.499, 337.439)

Conversions

Conversions Part 1

Format	Color
Hex	7C6B76
RGB	124, 107, 118
RGB Percent	49%, 42%, 46%
CMY	0.5149, 0.5815, 0.5384
CMYK	0.00, 0.14, 0.05, 0.51
HSL	321°, 7%, 45%
HSV	321°, 14%, 49%
XYZ	16.7497, 16.0195, 19.2577
YIQ	113.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

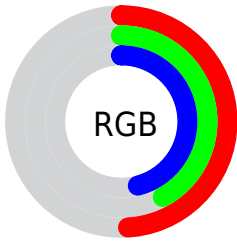
Format	Color
R_{YB}	124, 107, 118
Decimal	8153974
CIE Lab	47.00, 8.77, -3.64
CIE LCh	47, 9.499, 337.439
Yxy	16.0195, 0.3219, 0.3079
Android (android.graphics.Color)	4286344054 (0xFF7C6B76)
YUV	113.3370, 2.2989, 9.3515
Hunter-Lab	40.0243, 4.6578, -0.5104

Details

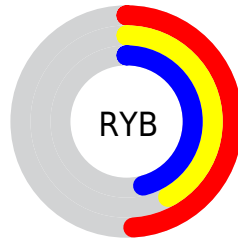
The CIELCh color $47, 9.499, 337.439$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 9.420, 155.544$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 9.820, 337.936$, and $27, 9.306, 336.950$ is the 20% darker color. If you saturate the color by 10%, you get $44, 16.502, 338.209$, and if you desaturate by 10%, it is $51, 2.562, 336.665$.

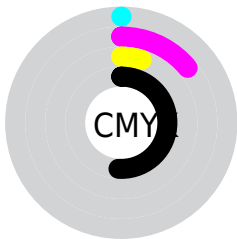
Distribution



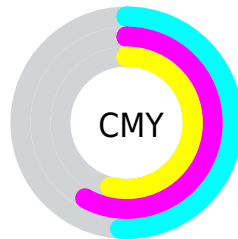
- Red (49%)
- Green (42%)
- Blue (46%)



- Red (49%)
- Yellow (42%)
- Blue (46%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 9.499, 337.439 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, 9.499, 337.439 by changing the saturation by 10% instead.

■ 47, 9.499, 337.439

■ 47, 9.499, 337.439

■ 100, 9.499,
337.439

■ 37, 9.499, 337.439

■ 67, 9.499, 337.439

■ 27, 9.499, 337.439

■ 77, 9.499, 337.439

■ 17, 9.499, 337.439

■ 87, 9.499, 337.439

■ 7, 9.499, 337.439

■ 97, 9.499, 337.439

■ 0, 9.499, 337.439

■ 47, 9.499, 337.439

■ 47, 9.499, 337.439

■ 44, 16.502,
338.209

■ 51, 2.562, 336.665

■ 40, 23.466,

■ 54, 4.235, 156.162

339.033

58, 10.858,
155.507

37, 30.228,
339.930

62, 17.286,
154.919

34, 36.564,
340.923

65, 23.516,
154.370

32, 42.186,
342.048

69, 29.550,
153.855

30, 46.776,
343.353

73, 35.397,
153.371

28, 50.040,
344.906

76, 41.066,
152.917

27, 51.833,
346.788

80, 46.571,
152.489

26, 52.707,
348.024

Harmonies

Complementary

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



47, 9.499, 337.439



50, 9.420, 155.544

Rectangle

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



47, 9.499, 337.439



47, 9.499, 27.439



47, 9.499, 157.439



47, 9.499, 207.439

Sweetspot

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



47, 9.497, 337.441



64, 3.400, 336.698



46, 10.408, 304.397



33, 2.436, 336.755



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



47, 9.497, 337.441



59, 13.726, 337.640



47, 7.238, 8.306



24, 3.847, 337.091



27, 53.077, 348.051



56, 88.451, 349.523

Inverse Universe

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



47, 9.497, 337.441



59, 13.726, 337.640



50, 6.817, 186.077



24, 3.847, 337.091



27, 53.077, 348.051



56, 88.451, 349.523

Previews

White Background



This preview shows how the CIELCh color 47, 9.499, 337.439 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, 9.499, 337.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

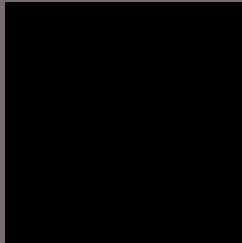
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 9.499, 337.439

Background



This preview shows how black text looks on a background with the CIELCh color 47, 9.499, 337.439.



This preview shows how white text looks on a background with the CIELCh color 47, 9.499, 337.439.

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, 9.499, 337.439

Protanopia

47, 5.330, 290.909

Deuteranopia

47, 7.238, 332.929



Tritanopia
47, 8.088, 344.671

Trichromacy



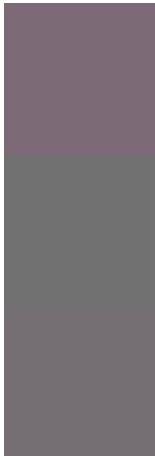
Original Color
47, 9.499, 337.439

Protanomaly
47, 6.586, 316.048

Deuteranomaly
47, 7.517, 335.274

Tritanomaly
47, 8.436, 341.390

Monochromacy



Original Color
47, 9.499, 337.439

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 3.412, 335.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 9.499, 337.439 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(124, 107, 118)` looks like.

```
.text, #text, p{  
    color:rgb(124, 107, 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(124, 107, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 107, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 9.499, 337.439 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(124, 107, 118) }
```

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

```
.border{ border-color:rgb(124, 107, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 107, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 107, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 107, 118);  
box-shadow:4px 4px 4px 4px rgb(124, 107,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 9.499, 337.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 107, 118) }
```

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

```
.background{ background-color: rgb(124,  
107, 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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