

Converting Colors

CIELCh(47, 10.484, 315.859)

Have a look what the booklet for
CIELCh(47, 10.484, 315.859)
contains.

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Color

CIELCh(47, 10.474, 315.842)

Conversions

Conversions Part 1

Format	Color
Hex	776C7C
RGB	119, 108, 124
RGB Percent	47%, 42%, 49%
CMY	0.5344, 0.5775, 0.5148
CMYK	0.04, 0.13, 0.00, 0.51
HSL	281°, 7%, 45%
HSV	281°, 13%, 49%
XYZ	16.5253, 16.0195, 21.1990
YIQ	113.1130, 1.4200, 7.3080

Conversions

Conversions Part 2

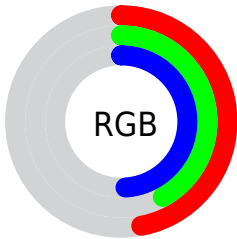
Format	Color
R_{YB}	119, 108, 124
Decimal	7826556
CIE Lab	47.00, 7.51, -7.30
CIE LCh	47, 10.474, 315.842
Yxy	16.0195, 0.3075, 0.2981
Android (android.graphics.Color)	4286016636 (0xFF776C7C)
YUV	113.1130, 5.3673, 5.1629
Hunter-Lab	40.0243, 3.6568, -3.3861

Details

The CIELCh color $47, 10.474, 315.842$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 10.365, 134.809$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 10.957, 315.072$, and $27, 10.115, 316.887$ is the 20% darker color. If you saturate the color by 10%, you get $43, 18.744, 316.264$, and if you desaturate by 10%, it is $51, 2.349, 315.397$.

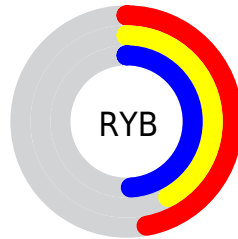
Distribution



Red (47%)

Green (42%)

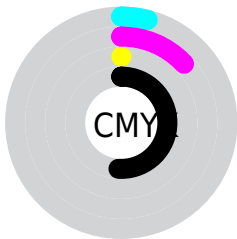
Blue (49%)



Red (47%)

Yellow (42%)

Blue (49%)

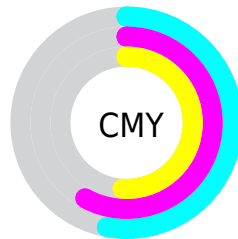


Cyan (4%)

Magenta (13%)

Yellow (0%)

Black (51%)



Cyan (53%)


Magenta (58%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 10.474, 315.842 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, 10.474, 315.842 by changing the saturation by 10% instead.


 47, 10.474,
315.842


 47, 10.474,
315.842


 100, 10.474,
315.842


 37, 10.474,
315.842

 67, 10.474,
315.842


 27, 10.474,
315.842

 77, 10.474,
315.842


 17, 10.474,
315.842


 87, 10.474,
315.842

 7, 10.474, 315.842

 97, 10.474,
315.842

 0, 10.474, 315.842

 47, 10.474,

 47, 10.474,

315.842

43, 18.744,
316.264

40, 27.094,
316.685

36, 35.407,
317.088

33, 43.508,
317.446

30, 51.141,
317.723

27, 57.965,
317.869

24, 63.582,
317.825

23, 67.627,
317.534

315.842

51, 2.349, 315.397

55, 5.587, 135.091

58, 13.316,
134.723

62, 20.829,
134.393

66, 28.126,
134.094

70, 35.214,
133.823

74, 42.100,
133.580

78, 48.793,
133.363

■ 22, 70.125,
317.299

■ 81, 55.303,
133.169

Harmonies

Complementary

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



47, 10.474, 315.842



51, 10.365, 134.809

Rectangle

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



47, 10.474, 315.842



47, 10.474, 5.842



47, 10.474, 135.842



47, 10.474, 185.842

Sweetspot

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



47, 10.473, 315.841



64, 3.979, 315.458



47, 6.706, 274.096



33, 2.851, 315.489



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, 10.473, 315.841



59, 16.106, 315.987



47, 10.076, 330.693



24, 4.506, 315.678



22, 70.627, 317.290



47, 119.255, 316.783

Inverse Universe

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



47, 7.230, 356.246



59, 11.151, 356.611



50, 10.046, 149.160



24, 3.100, 355.847



25, 50.920, 17.885



53, 87.050, 21.173

Previews

White Background



This preview shows how the CIELCh color 47, 10.474, 315.842 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, 10.474, 315.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

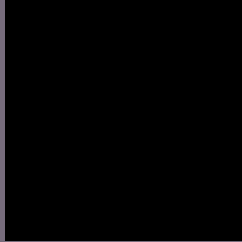
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 10.474, 315.842

Background



This preview shows how black text looks on a background with the CIELCh color 47, 10.474, 315.842.



This preview shows how white text looks on a background with the CIELCh color 47, 10.474, 315.842.

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

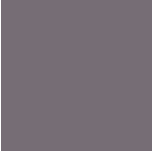
47, 10.474, 315.842

Protanopia

47, 8.898, 286.435

Deuteranopia

47, 10.172, 311.744



Tritanopia
47, 5.998, 328.000

Trichromacy



Original Color
47, 10.474, 315.842

Protanomaly
47, 8.983, 298.825

Deuteranomaly
47, 10.316, 313.820

Tritanomaly
47, 6.968, 322.079

Monochromacy



Original Color
47, 10.474, 315.842

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 3.917, 314.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 10.474, 315.842 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, 108, 124)` looks like.

```
.text, #text, p{  
    color:rgb(119, 108, 124)  
}
```

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, 108, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 108, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 10.474, 315.842 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, 108, 124) }
```

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

```
.border{ border-color:rgb(119, 108, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 108, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 108, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 108, 124);  
box-shadow:4px 4px 4px 4px rgb(119, 108,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 10.474, 315.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 108, 124) }
```

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

```
.background{ background-color: rgb(119,  
108, 124) }
```

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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