

Converting Colors

CIELCh(47, 14.598, 321.691)

Have a look what the booklet for
CIELCh(47, 14.598, 321.691)
contains.

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Color

CIELCh(47, 14.360, 321.219)

Conversions

Conversions Part 1

Format	Color
Hex	7C6A7F
RGB	124, 106, 127
RGB Percent	49%, 42%, 50%
CMY	0.5151, 0.5856, 0.5033
CMYK	0.02, 0.17, 0.00, 0.50
HSL	291°, 9%, 46%
HSV	291°, 17%, 50%
XYZ	17.1877, 16.0195, 22.1441
YIQ	113.7760, 3.9870, 10.3470

Conversions

Conversions Part 2

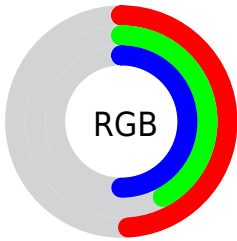
Format	Color
R_{YB}	124, 106, 127
Decimal	8153727
CIE Lab	47.00, 11.19, -8.99
CIE LCh	47, 14.360, 321.219
Yxy	16.0195, 0.3105, 0.2894
Android (android.graphics.Color)	4286343807 (0xFF7C6A7F)
YUV	113.7760, 6.5194, 8.9664
Hunter-Lab	40.0243, 6.6110, -4.7862

Details

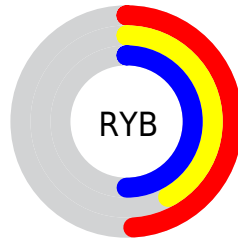
The CIELCh color $47, 14.360, 321.219$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 14.278, 139.682$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 14.776, 321.429$, and $27, 14.139, 321.058$ is the 20% darker color. If you saturate the color by 10%, you get $43, 23.120, 321.669$, and if you desaturate by 10%, it is $51, 5.654, 320.753$.

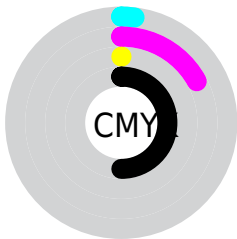
Distribution



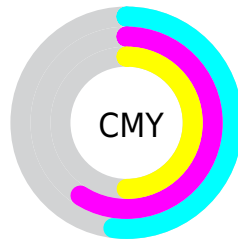
- Red (49%)
- Green (42%)
- Blue (50%)



- Red (49%)
- Yellow (42%)
- Blue (50%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (50%)





- Cyan (52%)
- Magenta (59%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 14.360, 321.219 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, 14.360, 321.219 by changing the saturation by 10% instead.


 47, 14.360,
321.219


 47, 14.360,
321.219


 100, 14.360,
321.219


 37, 14.360,
321.219

 67, 14.360,
321.219


 27, 14.360,
321.219

 77, 14.360,
321.219


 17, 14.360,
321.219


 87, 14.360,
321.219

 7, 14.360, 321.219

 97, 14.360,
321.219

 0, 14.360, 321.219

 47, 14.360,

 47, 14.360,

321.219

43, 23.120,
321.669

40, 31.810,
322.101

37, 40.245,
322.495

34, 48.173,
322.829

31, 55.277,
323.073

29, 61.206,
323.195

28, 65.640,
323.165

26, 68.584,
322.983

321.219

51, 5.654, 320.753

54, 2.911, 140.397

58, 11.287,
139.933

62, 19.446,
139.524

66, 27.375,
139.144

69, 35.073,
138.789

73, 42.542,
138.461

77, 49.792,
138.158

■ 26, 69.542,
322.921

■ 81, 56.831,
137.881

Harmonies

Complementary

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



47, 14.360, 321.219



51, 14.278, 139.682

Rectangle

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



47, 14.360, 321.219



47, 14.360, 11.219



47, 14.360, 141.219



47, 14.360, 191.219

Sweetspot

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



47, 14.358, 321.219



66, 5.356, 320.681



46, 10.638, 285.183



34, 3.684, 320.711



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



47, 14.358, 321.219



59, 21.639, 321.396



47, 11.729, 337.526



25, 4.885, 320.874



26, 69.880, 322.918



0, 0.000, 0.000

Inverse Universe

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



47, 8.961, 9.158



59, 13.625, 9.587



51, 11.621, 155.185



25, 3.000, 8.396



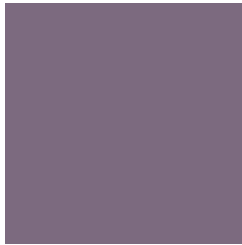
26, 56.733, 31.667



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 14.360, 321.219 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, 14.360, 321.219 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, 14.360, 321.219

Background



This preview shows how black text looks on a background with the CIELCh color 47, 14.360, 321.219.



This preview shows how white text looks on a background with the CIELCh color 47, 14.360, 321.219.

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, 14.360, 321.219

Protanopia

47, 11.278, 285.939

Deuteranopia

47, 10.477, 306.579



Tritanopia
47, 7.427, 340.818

Trichromacy



Original Color
47, 14.360, 321.219

Protanomaly
47, 12.044, 300.915

Deuteranomaly
47, 11.553, 313.423

Tritanomaly
47, 10.062, 330.843

Monochromacy



Original Color
47, 14.360, 321.219

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 5.535, 321.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 14.360, 321.219 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, 106, 127)` looks like.

```
.text, #text, p{  
    color:rgb(124, 106, 127)  
}
```

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, 106, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 106, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 14.360, 321.219 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, 106, 127) }
```

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

```
.border{ border-color:rgb(124, 106, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 106, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 106, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 106, 127);  
box-shadow:4px 4px 4px 4px rgb(124, 106,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 14.360, 321.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 106, 127) }
```

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

```
.background{ background-color: rgb(124,  
106, 127) }
```

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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