

Converting Colors

CIELCh(47, 7.279, 294.940)

Have a look what the booklet for
CIELCh(47, 7.279, 294.940) contains.

CIELCh(47, 7.132, 294.291)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(47, 7.132, 294.291)

Conversions

Conversions Part 1

Format	Color
Hex	6F6E7A
RGB	111, 110, 122
RGB Percent	44%, 43%, 48%
CMY	0.5636, 0.5676, 0.5205
CMYK	0.09, 0.10, 0.00, 0.52
HSL	245°, 5%, 46%
HSV	245°, 10%, 48%
XYZ	15.7249, 16.0195, 20.7652
YIQ	111.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

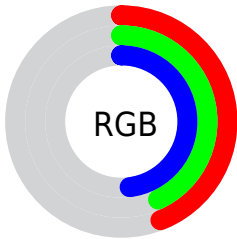
Format	Color
R _Y B	111, 110, 122
Decimal	7302778
CIE Lab	47.00, 2.93, -6.50
CIE LCh	47, 7.132, 294.291
Yxy	16.0195, 0.2995, 0.3051
Android (android.graphics.Color)	4285492858 (0xFF6F6E7A)
YUV	111.6670, 5.0942, -0.5850
Hunter-Lab	40.0243, 0.0871, -2.7436

Details

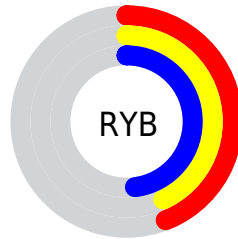
The CIELCh color **47, 7.132, 294.291** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51, 6.977, 112.668**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 6.653, 294.049**, and **27, 6.520, 291.474** is the 20% darker color. If you saturate the color by 10%, you get **43, 14.670, 295.268**, and if you desaturate by 10%, it is **51, 0.124, 113.254**.

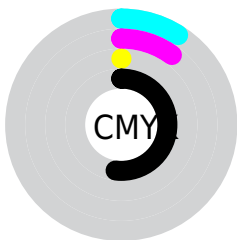
Distribution



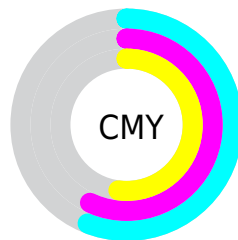
- Red (44%)
- Green (43%)
- Blue (48%)



- Red (44%)
- Yellow (43%)
- Blue (48%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (52%)



- Cyan (56%)
- Magenta (57%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 7.132, 294.291 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, 7.132, 294.291 by changing the saturation by 10% instead.

■ 47, 7.132, 294.291

■ 47, 7.132, 294.291

■ 100, 7.132,
294.291

■ 37, 7.132, 294.291

■ 67, 7.132, 294.291

■ 27, 7.132, 294.291

■ 77, 7.132, 294.291

■ 17, 7.132, 294.291

■ 87, 7.132, 294.291

■ 7, 7.132, 294.291

■ 97, 7.132, 294.291

■ 0, 7.132, 294.291

■ 47, 7.132, 294.291

■ 47, 7.132, 294.291

■ 43, 14.670,
295.268

■ 51, 0.124, 113.254

■ 38, 22.511,

■ 56, 7.113, 112.707

296.407

60, 13.854,
112.083

34, 30.662,
297.718

64, 20.365,
111.545

29, 39.105,
299.201

69, 26.659,
111.080

25, 47.761,
300.833

73, 32.752,
110.676

21, 56.412,
302.539

77, 38.656,
110.326

18, 64.581,
304.170

81, 44.383,
110.021

15, 71.427,
305.493

85, 49.945,
109.755

13, 77.061,
306.662

Harmonies

Complementary

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



47, 7.132, 294.291



51, 6.977, 112.668

Rectangle

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



47, 7.132, 294.291



47, 7.132, 344.291



47, 7.132, 114.291



47, 7.132, 164.291

Sweetspot

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



47, 7.131, 294.286



64, 2.661, 293.709



50, 4.395, 205.144



32, 2.007, 293.766



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, 7.131, 294.286



59, 10.806, 294.515



48, 7.628, 311.749



23, 4.089, 294.219



13, 78.392, 306.679



32, 132.377, 306.482

Inverse Universe

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



48, 8.114, 327.282



60, 12.257, 327.423



50, 7.539, 130.977



24, 4.657, 327.239



28, 63.960, 331.721



59, 107.303, 331.927

Previews

White Background



This preview shows how the CIELCh color 47, 7.132, 294.291 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, 7.132, 294.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

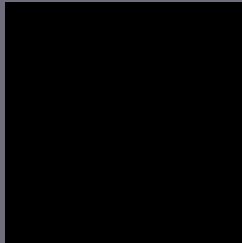
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

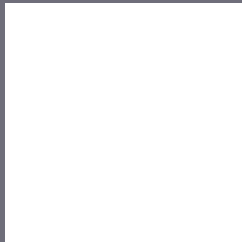
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 7.132, 294.291

Background



This preview shows how black text looks on a background with the CIELCh color 47, 7.132, 294.291.

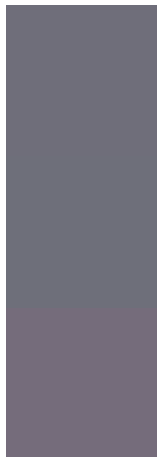


This preview shows how white text looks on a background with the CIELCh color 47, 7.132, 294.291.

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, 7.132, 294.291

Protanopia

47, 6.518, 287.635

Deuteranopia

47, 9.622, 312.965



Tritanopia
47, 4.739, 290.830

Trichromacy



Original Color
47, 7.132, 294.291

Protanomaly
47, 6.518, 287.635

Deuteranomaly
47, 8.663, 307.061

Tritanomaly
47, 5.330, 290.909

Monochromacy



Original Color
47, 7.132, 294.291

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 2.996, 298.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 7.132, 294.291 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(111, 110, 122)` looks like.

```
.text, #text, p{  
    color:rgb(111, 110, 122)  
}
```

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(111, 110, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 110, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 7.132, 294.291 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(111, 110, 122) }
```

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

```
.border{ border-color:rgb(111, 110, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 110, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 110, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 110, 122);  
box-shadow:4px 4px 4px 4px rgb(111, 110,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 7.132, 294.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 110, 122) }
```

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

```
.background{ background-color: rgb(111,  
110, 122) }
```

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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