

Converting Colors

CIELCh(47, 9.236, 279.422)

Have a look what the booklet for
CIELCh(47, 9.236, 279.422) contains.

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Color

CIELCh(47, 9.621, 280.084)

Conversions

Conversions Part 1

Format	Color
Hex	6A6F7F
RGB	106, 111, 127
RGB Percent	42%, 44%, 50%
CMY	0.5836, 0.5640, 0.5012
CMYK	0.17, 0.13, 0.00, 0.50
HSL	226°, 9%, 46%
HSV	226°, 17%, 50%
XYZ	15.5111, 16.0195, 22.4152
YIQ	111.3290, -8.1160, 3.9160

Conversions

Conversions Part 2

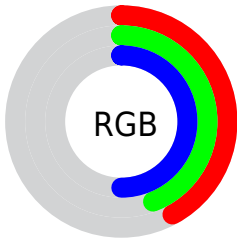
Format	Color
R_{YB}	106, 110, 127
Decimal	6975359
CIE Lab	47.00, 1.68, -9.47
CIE LCh	47, 9.621, 280.084
Yxy	16.0195, 0.2875, 0.2970
Android (android.graphics.Color)	4285165439 (0xFF6A6F7F)
YUV	111.3290, 7.7258, -4.6735
Hunter-Lab	40.0243, -0.8662, -5.1878

Details

The CIELCh color $47, 9.621, 280.084$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 9.501, 96.134$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 9.594, 278.132$, and $27, 9.933, 280.446$ is the 20% darker color. If you saturate the color by 10%, you get $43, 15.640, 281.584$, and if you desaturate by 10%, it is $51, 3.752, 278.800$.

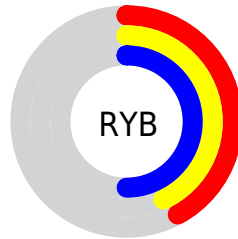
Distribution



Red (42%)

Green (44%)

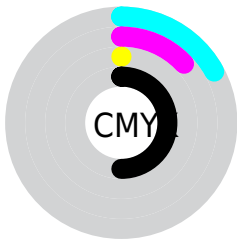
Blue (50%)



Red (42%)

Yellow (43%)

Blue (50%)

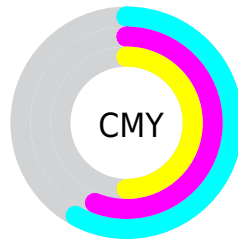


Cyan (17%)

Magenta (13%)

Yellow (0%)

Black (50%)



Cyan (58%)

Magenta (56%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 9.621, 280.084 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, 9.621, 280.084 by changing the saturation by 10% instead.

■ 47, 9.621, 280.084

■ 47, 9.621, 280.084

■ 100, 9.621,
280.084

■ 37, 9.621, 280.084

■ 67, 9.621, 280.084

■ 27, 9.621, 280.084

■ 77, 9.621, 280.084

■ 17, 9.621, 280.084

■ 87, 9.621, 280.084

■ 7, 9.621, 280.084

■ 97, 9.621, 280.084

■ 0, 9.621, 280.084

■ 47, 9.621, 280.084

■ 47, 9.621, 280.084

■ 43, 15.640,
281.584

■ 51, 3.752, 278.800

■ 39, 21.824,

■ 55, 1.973, 97.576

283.335

58, 7.562, 96.647

36, 28.189,
285.364

62, 13.021, 95.801

32, 34.755,
287.698

66, 18.354, 95.054

69, 23.566, 94.393

28, 41.533,
290.334

73, 28.660, 93.805

25, 48.508,
293.231

77, 33.641, 93.279

80, 38.512, 92.806

22, 55.581,
296.276

19, 62.520,
299.229

18, 64.859,
300.118

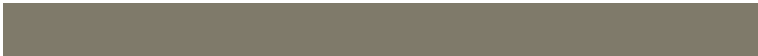
Harmonies

Complementary

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



47, 9.621, 280.084



51, 9.501, 96.134

Rectangle

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



47, 9.621, 280.084



47, 9.621, 330.084



47, 9.621, 100.084



47, 9.621, 150.084

Sweetspot

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



47, 9.620, 280.080



66, 3.572, 278.642



52, 8.769, 178.081



34, 2.457, 278.708



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, 9.620, 280.080



59, 14.537, 280.647



46, 12.704, 300.987



25, 3.261, 279.108



18, 64.992, 300.125



0, 0.000, 0.000

Inverse Universe

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



47, 9.214, 1.934



59, 13.974, 2.383



52, 12.301, 118.922



25, 3.098, 1.145



26, 53.522, 24.497



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 9.621, 280.084 looks on a white background.

Color Contrast Check

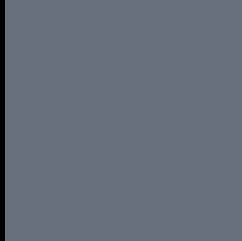
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.621, 280.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

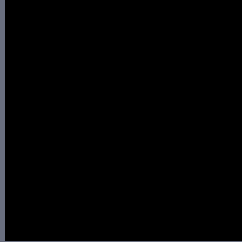
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

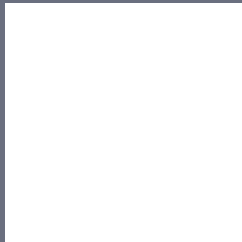
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 9.621, 280.084

Background



This preview shows how black text looks on a background with the CIELCh color 47, 9.621, 280.084.

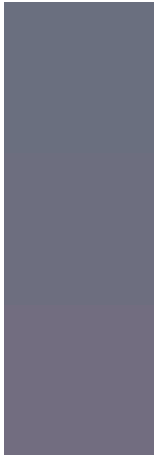


This preview shows how white text looks on a background with the CIELCh color 47, 9.621, 280.084.

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, 9.621, 280.084

Protanopia

47, 10.077, 289.374

Deuteranopia

47, 11.461, 301.344



Tritanopia
47, 5.924, 263.639

Trichromacy



Original Color

47, 9.621, 280.084

Protanomaly

47, 10.092, 287.216

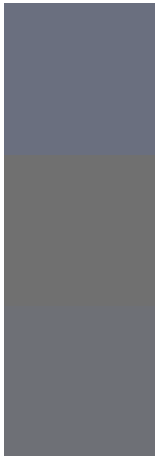
Deuteranomaly

47, 10.680, 293.669

Tritanomaly

47, 6.987, 268.386

Monochromacy



Original Color

47, 9.621, 280.084

Achromatopsia

47, 0.006, 296.813

Achromatomaly

47, 3.624, 278.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 9.621, 280.084 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(106, 111, 127)` looks like.

```
.text, #text, p{  
    color:rgb(106, 111, 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(106, 111, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 111, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 9.621, 280.084 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(106, 111, 127) }
```

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

```
.border{ border-color:rgb(106, 111, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 111, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 111, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 111, 127);  
box-shadow:4px 4px 4px 4px rgb(106, 111,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 9.621, 280.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 111, 127) }
```

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

```
.background{ background-color: rgb(106,  
111, 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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