

Converting Colors

CIELCh(47, 9.082, 278.458)

Have a look what the booklet for
CIELCh(47, 9.082, 278.458) contains.

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Color

CIELCh(47, 9.044, 279.221)

Conversions

Conversions Part 1

Format	Color
Hex	6A6F7E
RGB	106, 111, 126
RGB Percent	42%, 44%, 49%
CMY	0.5833, 0.5637, 0.5048
CMYK	0.16, 0.12, 0.00, 0.50
HSL	225°, 9%, 46%
HSV	225°, 16%, 50%
XYZ	15.4711, 16.0195, 22.1062
YIQ	111.2150, -7.7950, 3.6050

Conversions

Conversions Part 2

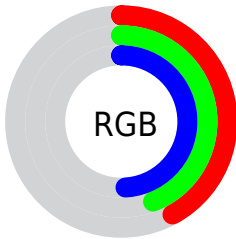
Format	Color
R _Y B	106, 110, 126
Decimal	6975358
CIE Lab	47.00, 1.45, -8.93
CIE LCh	47, 9.044, 279.221
Yxy	16.0195, 0.2887, 0.2989
Android (android.graphics.Color)	4285165438 (0xFF6A6F7E)
YUV	111.2150, 7.2890, -4.5736
Hunter-Lab	40.0243, -1.0447, -4.7300

Details

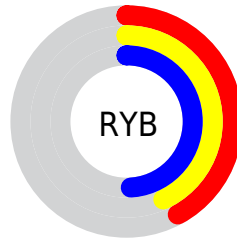
The CIELCh color $47, 9.044, 279.221$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 8.950, 95.409$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 9.059, 277.255$, and $27, 9.232, 281.855$ is the 20% darker color. If you saturate the color by 10%, you get $43, 14.927, 280.715$, and if you desaturate by 10%, it is $51, 3.301, 277.944$.

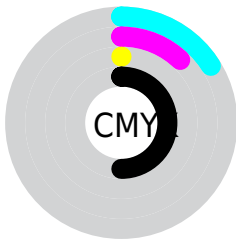
Distribution



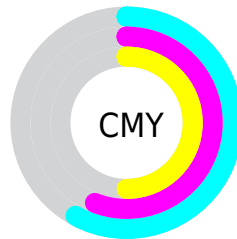
- Red (42%)
- Green (44%)
- Blue (49%)



- Red (42%)
- Yellow (43%)
- Blue (49%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (50%)



- Cyan (58%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 9.044, 279.221 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, 9.044, 279.221 by changing the saturation by 10% instead.

■ 47, 9.044, 279.221

■ 47, 9.044, 279.221

■ 100, 9.044,
279.221

■ 37, 9.044, 279.221

■ 67, 9.044, 279.221

■ 27, 9.044, 279.221

■ 77, 9.044, 279.221

■ 17, 9.044, 279.221

■ 87, 9.044, 279.221

■ 7, 9.044, 279.221

■ 97, 9.044, 279.221

■ 0, 9.044, 279.221

■ 47, 9.044, 279.221

■ 47, 9.044, 279.221

■ 43, 14.927,
280.715

■ 51, 3.301, 277.944

■ 40, 20.964,

■ 54, 2.308, 96.724

282.461

58, 7.789, 95.788

36, 27.169,
284.486

62, 13.147, 94.941

32, 33.562,
286.816

65, 18.386, 94.194

29, 40.158,
289.455

69, 23.509, 93.531

25, 46.950,
292.368

73, 28.520, 92.941

22, 53.865,
295.453

76, 33.423, 92.413

19, 60.708,
298.491

80, 38.220, 91.937

18, 63.478,
299.590

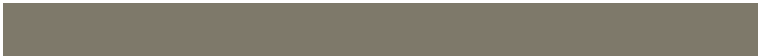
Harmonies

Complementary

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



47, 9.044, 279.221



51, 8.950, 95.409

Rectangle

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



47, 9.044, 279.221



47, 9.044, 329.221



47, 9.044, 99.221



47, 9.044, 149.221

Sweetspot

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



47, 9.043, 279.216



65, 3.481, 277.863



51, 8.451, 176.932



33, 2.364, 277.926



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, 9.043, 279.216



58, 13.432, 279.729



46, 12.081, 300.334



25, 3.218, 278.332



18, 63.985, 299.621



0, 0.000, 0.000

Inverse Universe

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



47, 8.815, 0.989



58, 13.136, 1.390



52, 11.708, 118.299



25, 3.114, 0.275



26, 53.180, 23.502



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 9.044, 279.221 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, 9.044, 279.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

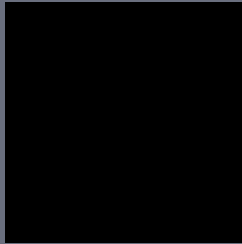
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

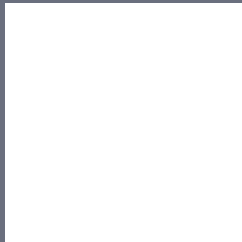
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 9.044, 279.221

Background



This preview shows how black text looks on a background with the CIELCh color 47, 9.044, 279.221.



This preview shows how white text looks on a background with the CIELCh color 47, 9.044, 279.221.

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, 9.044, 279.221

Protanopia

47, 9.486, 289.151

Deuteranopia

47, 11.639, 305.127



Tritanopia
47, 5.924, 263.639

Trichromacy



Original Color
47, 9.044, 279.221

Protanomaly
47, 9.502, 286.851

Deuteranomaly
47, 10.762, 297.771

Tritanomaly
47, 6.987, 268.386

Monochromacy



Original Color
47, 9.044, 279.221

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 3.630, 278.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 9.044, 279.221 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(106, 111, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 111, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 9.044, 279.221 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, 126) }
```

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

```
.border{ border-color:rgb(106, 111, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 111, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 111, 126);  
box-shadow:4px 4px 4px 4px rgb(106, 111,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 9.044, 279.221 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, 126) }
```

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

```
.background{ background-color: rgb(106,  
111, 126) }
```

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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