

Converting Colors

CIELCh(47, 7.437, 274.898)

Have a look what the booklet for
CIELCh(47, 7.437, 274.898) contains.

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Color

CIELCh(47, 7.414, 273.027)

Conversions

Conversions Part 1

Format	Color
Hex	6A707C
RGB	106, 112, 124
RGB Percent	42%, 44%, 49%
CMY	0.5854, 0.5619, 0.5149
CMYK	0.15, 0.10, 0.00, 0.51
HSL	220°, 8%, 45%
HSV	220°, 15%, 49%
XYZ	15.2920, 16.0195, 21.2578
YIQ	111.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

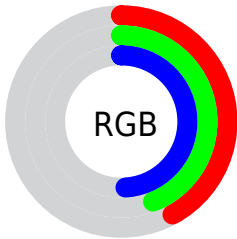
Format	Color
R _Y B	106, 111, 124
Decimal	6975612
CIE Lab	47.00, 0.39, -7.40
CIE LCh	47, 7.414, 273.027
Yxy	16.0195, 0.2909, 0.3047
Android (android.graphics.Color)	4285165692 (0xFF6A707C)
YUV	111.5740, 6.1260, -4.8884
Hunter-Lab	40.0243, -1.8436, -3.4732

Details

The CIELCh color $47, 7.414, 273.027$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 7.430, 89.353$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 7.565, 271.287$, and $27, 7.399, 275.440$ is the 20% darker color. If you saturate the color by 10%, you get $44, 12.602, 274.562$, and if you desaturate by 10%, it is $50, 2.303, 271.733$.

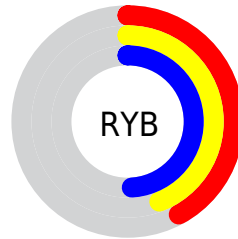
Distribution



Red (42%)

Green (44%)

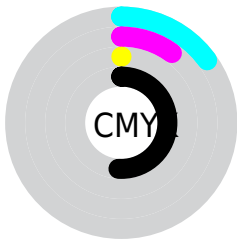
Blue (49%)



Red (42%)

Yellow (44%)

Blue (49%)

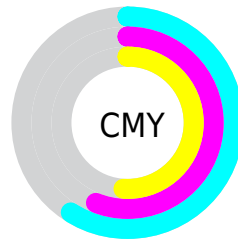


Cyan (15%)

Magenta (10%)

Yellow (0%)

Black (51%)



Cyan (59%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 7.414, 273.027 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, 7.414, 273.027 by changing the saturation by 10% instead.

■ 47, 7.414, 273.027

■ 47, 7.414, 273.027

■ 100, 7.414,
273.027

■ 37, 7.414, 273.027

■ 67, 7.414, 273.027

■ 27, 7.414, 273.027

■ 77, 7.414, 273.027

■ 17, 7.414, 273.027

■ 87, 7.414, 273.027

■ 7, 7.414, 273.027

■ 97, 7.414, 273.027

■ 0, 7.414, 273.027

■ 47, 7.414, 273.027

■ 47, 7.414, 273.027

■ 44, 12.602,
274.562

■ 50, 2.303, 271.733

■ 40, 17.872,

■ 54, 2.730, 90.439

276.361

57, 7.685, 89.470

37, 23.231,
278.453

60, 12.560, 88.595

34, 28.693,
280.872

64, 17.356, 87.820

30, 34.279,
283.639

67, 22.071, 87.131

27, 40.011,
286.739

70, 26.706, 86.515

24, 45.895,
290.105

74, 31.261, 85.963

22, 51.892,
293.580

20, 55.196,
295.291

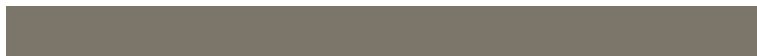
Harmonies

Complementary

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



47, 7.414, 273.027



50, 7.430, 89.353

Rectangle

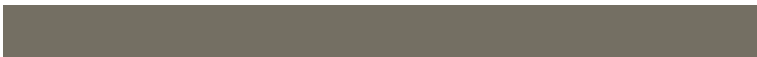
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47, 7.414, 273.027



47, 7.414, 323.027



47, 7.414, 93.027



47, 7.414, 143.027

Sweetspot

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



47, 7.413, 273.020



64, 2.510, 271.686



50, 8.045, 171.337



34, 1.798, 271.756



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, 7.413, 273.020



59, 10.752, 273.437



46, 10.802, 297.187



24, 2.835, 272.276



20, 55.654, 295.331



43, 99.029, 297.295

Inverse Universe

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



47, 8.244, 354.994



58, 11.991, 355.298



51, 10.476, 115.025



24, 3.135, 354.432



25, 50.559, 15.977



53, 86.215, 19.227

Previews

White Background



This preview shows how the CIELCh color 47, 7.414, 273.027 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, 7.414, 273.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

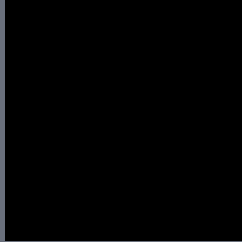
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

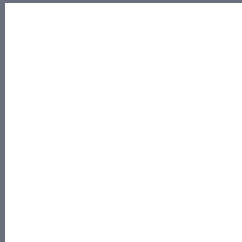
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 7.414, 273.027

Background



This preview shows how black text looks on a background with the CIELCh color 47, 7.414, 273.027.

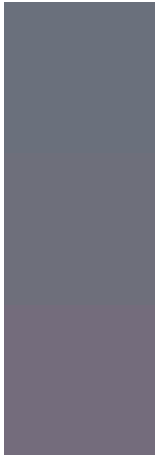


This preview shows how white text looks on a background with the CIELCh color 47, 7.414, 273.027.

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, 7.414, 273.027

Protanopia

47, 7.109, 288.011

Deuteranopia

47, 10.041, 309.620



Tritanopia
47, 5.924, 263.639

Trichromacy



Original Color
47, 7.414, 273.027

Protanomaly
47, 7.178, 281.837

Deuteranomaly
47, 8.997, 298.832

Tritanomaly
47, 6.450, 266.201

Monochromacy



Original Color
47, 7.414, 273.027

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 3.056, 275.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 7.414, 273.027 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, 112, 124)` looks like.

```
.text, #text, p{  
    color:rgb(106, 112, 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(106, 112, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 112, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 7.414, 273.027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

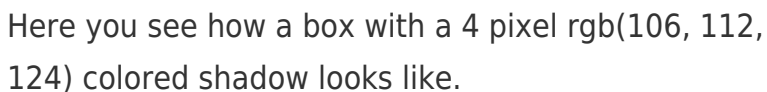
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 112, 124) }
```

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

```
.border{ border-color:rgb(106, 112, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 112, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 112, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 112, 124);  
box-shadow:4px 4px 4px 4px rgb(106, 112,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 7.414, 273.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 112, 124) }
```

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

```
.background{ background-color: rgb(106,  
112, 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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