

Converting Colors

CIELCh(47, 3.647, 274.059)

Have a look what the booklet for
CIELCh(47, 3.647, 274.059) contains.

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Color

CIELCh(47, 3.171, 268.549)

Conversions

Conversions Part 1

Format	Color
Hex	6D7075
RGB	109, 112, 117
RGB Percent	43%, 44%, 46%
CMY	0.5739, 0.5621, 0.5425
CMYK	0.07, 0.04, 0.00, 0.54
HSL	217°, 4%, 44%
HSV	217°, 7%, 46%
XYZ	15.2125, 16.0195, 19.0146
YIQ	111.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

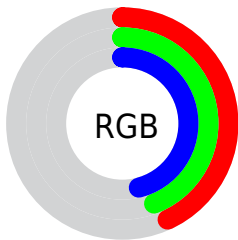
Format	Color
RYB	109, 111, 117
Decimal	7172213
CIELab	47.00, -0.08, -3.17
CIELCh	47, 3.171, 268.549
Yxy	16.0195, 0.3028, 0.3188
Android (android.graphics.Color)	4285362293 (0xFF6D7075)
YUV	111.6730, 2.6262, -2.3442
Hunter-Lab	40.0243, -2.1980, -0.1502

Details

The CIELCh color **47, 3.171, 268.549** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 3.175, 86.753**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 3.117, 261.952**, and **27, 3.352, 275.913** is the 20% darker color. If you saturate the color by 10%, you get **44, 7.826, 269.894**, and if you desaturate by 10%, it is **50, 1.438, 87.135**.

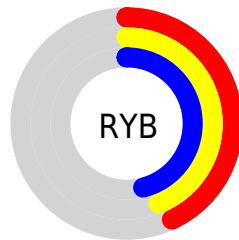
Distribution



Red (43%)

Green (44%)

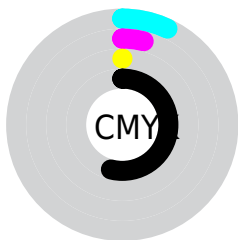
Blue (46%)



Red (43%)

Yellow (44%)

Blue (46%)

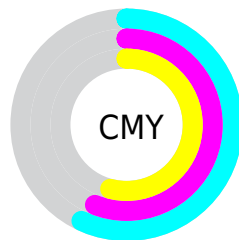


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (54%)



Cyan (57%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 3.171, 268.549 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, 3.171, 268.549 by changing the saturation by 10% instead.

■ 47, 3.171, 268.549

■ 47, 3.171, 268.549

■ 100, 3.171,
268.549

■ 37, 3.171, 268.549

■ 67, 3.171, 268.549

■ 27, 3.171, 268.549

■ 77, 3.171, 268.549

■ 17, 3.171, 268.549

■ 87, 3.171, 268.549

■ 7, 3.171, 268.549

■ 97, 3.171, 268.549

■ 0, 3.171, 268.549

■ 47, 3.171, 268.549

■ 47, 3.171, 268.549

■ 44, 7.826, 269.894

■ 50, 1.438, 87.135

■ 41, 12.526,
271.509

■ 53, 5.996, 86.181

■ 38, 17.271,
273.396

■ 56, 10.500, 85.274

■ 35, 22.064,
275.592

■ 59, 14.946, 84.471

■ 62, 19.332, 83.757

■ 32, 26.917,
278.133

■ 65, 23.656, 83.121

■ 29, 31.850,
281.038

■ 68, 27.917, 82.550

■ 71, 32.114, 82.034

■ 26, 36.889,
284.293

■ 74, 36.246, 81.567

■ 24, 42.055,
287.832

■ 21, 47.352,
291.408

Harmonies

Complementary

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



47, 3.171, 268.549



48, 3.175, 86.753

Rectangle

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



47, 3.171, 268.549



47, 3.171, 318.549



47, 3.171, 88.549



47, 3.171, 138.549

Sweetspot

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



47, 3.170, 268.529



61, 1.141, 268.061



48, 3.704, 169.951



32, 0.654, 268.058



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



47, 3.170, 268.529



59, 4.559, 268.696



46, 4.774, 295.293



23, 2.616, 268.804



21, 51.041, 292.631



45, 91.686, 294.823

Inverse Universe

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



47, 3.741, 351.473



59, 5.389, 351.607



49, 4.697, 114.247



23, 3.096, 351.691



25, 49.290, 11.968



53, 84.241, 15.184

Previews

White Background



This preview shows how the CIELCh color 47, 3.171, 268.549 looks on a white background.

Color Contrast Check

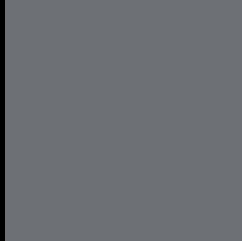
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.171, 268.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

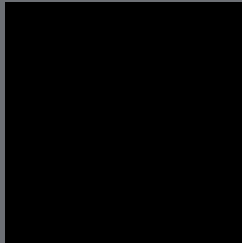
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

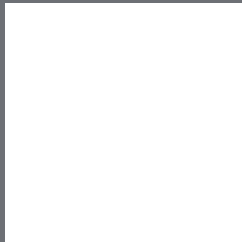
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 3.171, 268.549

Background



This preview shows how black text looks on a background with the CIELCh color 47, 3.171, 268.549.



This preview shows how white text looks on a background with the CIELCh color 47, 3.171, 268.549.

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, 3.171, 268.549

Protanopia

47, 2.996, 298.272

Deuteranopia

47, 6.971, 330.410



Tritanopia
47, 5.375, 282.517

Trichromacy



Original Color

47, 3.171, 268.549

Protanomaly

47, 2.964, 290.596

Deuteranomaly

47, 5.348, 317.546

Tritanomaly

47, 4.791, 281.371

Monochromacy



Original Color

47, 3.171, 268.549

Achromatopsia

47, 0.006, 296.813

Achromatomaly

47, 1.250, 271.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 3.171, 268.549 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(109, 112, 117)` looks like.

```
.text, #text, p{  
    color:rgb(109, 112, 117)  
}
```

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(109, 112, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 112, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 3.171, 268.549 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(109, 112, 117) }
```

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

```
.border{ border-color:rgb(109, 112, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 112, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 112, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 112, 117);  
box-shadow:4px 4px 4px 4px rgb(109, 112,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 3.171, 268.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 112, 117) }
```

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

```
.background{ background-color: rgb(109,  
112, 117) }
```

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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