

Converting Colors

CIELCh(47, 4.707, 119.508)

Have a look what the booklet for
CIELCh(47, 4.707, 119.508) contains.

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Color

CIELCh(47, 4.217, 120.928)

Conversions

Conversions Part 1

Format	Color
Hex	6E7069
RGB	110, 112, 105
RGB Percent	43%, 44%, 41%
CMY	0.5674, 0.5595, 0.5870
CMYK	0.02, 0.00, 0.06, 0.56
HSL	77°, 3%, 43%
HSV	77°, 6%, 44%
XYZ	14.8643, 16.0195, 15.7572
YIQ	110.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

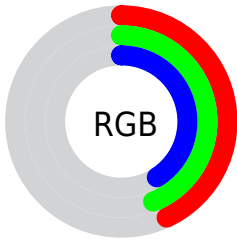
Format	Color
R_{YB}	105, 112, 107
Decimal	7237737
CIE Lab	47.00, -2.17, 3.62
CIE LCh	47, 4.217, 120.928
Yxy	16.0195, 0.3187, 0.3435
Android (android.graphics.Color)	4285427817 (0xFF6E7069)
YUV	110.6040, -2.7628, -0.5297
Hunter-Lab	40.0243, -3.7507, 4.6751

Details

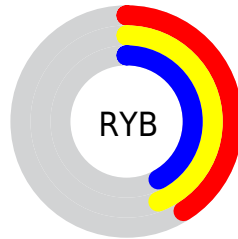
The CIELCh color $47, 4.217, 120.928$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 4.276, 301.616$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 4.474, 119.621$, and $27, 4.009, 122.614$ is the 20% darker color. If you saturate the color by 10%, you get $46, 10.979, 120.371$, and if you desaturate by 10%, it is $48, 2.554, 301.462$.

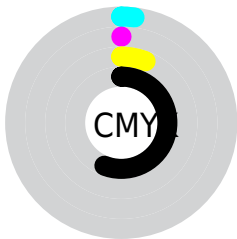
Distribution



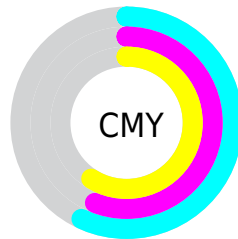
- Red (43%)
- Green (44%)
- Blue (41%)



- Red (41%)
- Yellow (44%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (56%)















- Cyan (57%)
- Magenta (56%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 4.217, 120.928 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, 4.217, 120.928 by changing the saturation by 10% instead.

 47, 4.217, 120.928	 47, 4.217, 120.928
 100, 4.217, 120.928	 37, 4.217, 120.928
 67, 4.217, 120.928	 27, 4.217, 120.928
 77, 4.217, 120.928	 17, 4.217, 120.928
 87, 4.217, 120.928	 7, 4.217, 120.928
 97, 4.217, 120.928	 0, 4.217, 120.928

 47, 4.217, 120.928	 47, 4.217, 120.928
 46, 10.979, 120.371	 48, 2.554, 301.462
 46, 17.691,	 48, 9.308, 301.987

119.799

■ 49, 16.026,
302.476

■ 45, 24.297,
119.236

■ 50, 22.691,
302.933

■ 45, 30.718,
118.707

■ 50, 29.293,
303.358

■ 45, 36.834,
118.250

■ 51, 35.822,
303.752

■ 44, 42.475,
117.919

■ 52, 42.274,
304.116

■ 44, 47.408,
117.791

■ 53, 48.642,
304.451

■ 44, 51.359,
117.956

■ 54, 54.925,
304.760

■ 43, 54.296,
118.420

Harmonies

Complementary

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



47, 4.217, 120.928



45, 4.276, 301.616

Rectangle

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



47, 4.217, 120.928



47, 4.217, 170.928



47, 4.217, 300.928



47, 4.217, 350.928

Sweetspot

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



47, 4.218, 120.937



60, 1.666, 121.181



46, 2.386, 49.011



31, 0.954, 121.191



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



47, 4.218, 120.937



60, 5.849, 120.884



47, 4.734, 138.077



23, 3.040, 120.883



46, 58.056, 118.668



90, 99.614, 119.446

Inverse Universe

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



45, 4.276, 301.616



57, 5.936, 301.673



45, 4.759, 318.539



22, 3.086, 301.674



14, 74.143, 308.488



34, 127.463, 307.992

Previews

White Background



This preview shows how the CIELCh color 47, 4.217, 120.928 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, 4.217, 120.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

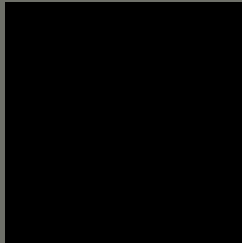
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

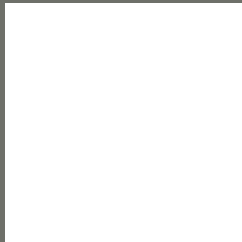
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 4.217, 120.928

Background



This preview shows how black text looks on a background with the CIELCh color 47, 4.217, 120.928.



This preview shows how white text looks on a background with the CIELCh color 47, 4.217, 120.928.

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, 4.217, 120.928

Protanopia

47, 3.901, 84.328

Deuteranopia

47, 6.847, 30.018



Tritanopia
47, 5.407, 299.330

Trichromacy



Original Color
47, 4.217, 120.928

Protanomaly
47, 3.628, 96.412

Deuteranomaly
47, 4.438, 51.727

Tritanomaly
47, 1.781, 290.444

Monochromacy



Original Color
47, 4.217, 120.928

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 1.176, 109.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 4.217, 120.928 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(110, 112, 105)` looks like.

```
.text, #text, p{  
    color:rgb(110, 112, 105)  
}
```

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(110, 112, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 112, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 4.217, 120.928 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(110, 112, 105) }
```

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

```
.border{ border-color:rgb(110, 112, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 112, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 112, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 112, 105);  
box-shadow:4px 4px 4px 4px rgb(110, 112,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 4.217, 120.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 112, 105) }
```

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

```
.background{ background-color: rgb(110,  
112, 105) }
```

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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