

Converting Colors

CIELCh(48, 1.565, 244.462)

Have a look what the booklet for
CIELCh(48, 1.565, 244.462) contains.

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Color

CIELCh(48, 1.419, 255.996)

Conversions

Conversions Part 1

Format	Color
Hex	707274
RGB	112, 114, 116
RGB Percent	44%, 45%, 45%
CMY	0.5601, 0.5523, 0.5444
CMYK	0.03, 0.02, 0.00, 0.54
HSL	210°, 2%, 45%
HSV	210°, 3%, 46%
XYZ	15.9031, 16.7945, 18.9794
YIQ	113.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

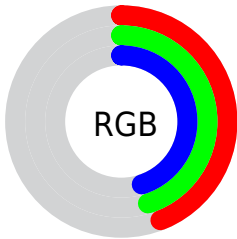
Format	Color
R_{YB}	112, 113, 116
Decimal	7369332
CIE Lab	48.00, -0.34, -1.38
CIE LCh	48, 1.419, 255.996
Yxy	16.7945, 0.3077, 0.3250
Android (android.graphics.Color)	4285559412 (0xFF707274)
YUV	113.6300, 1.1684, -1.4295
Hunter-Lab	40.9810, -2.4482, 1.2280

Details

The CIELCh color **48, 1.419, 255.996** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 1.420, 74.798**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 1.328, 255.947**, and **28, 1.552, 256.179** is the 20% darker color. If you saturate the color by 10%, you get **45, 5.500, 257.121**, and if you desaturate by 10%, it is **51, 2.692, 74.558**.

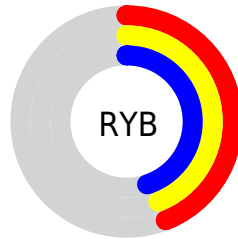
Distribution



Red (44%)

Green (45%)

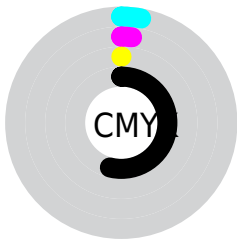
Blue (45%)



Red (44%)

Yellow (44%)

Blue (45%)

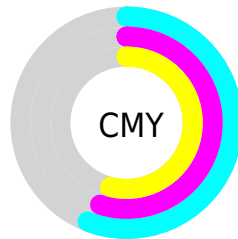


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (54%)



Cyan (56%)













Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 1.419, 255.996 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 48, 1.419, 255.996 by changing the saturation by 10% instead.

 48, 1.419, 255.996	 48, 1.419, 255.996
 100, 1.419, 255.996	 38, 1.419, 255.996
 68, 1.419, 255.996	 28, 1.419, 255.996
 78, 1.419, 255.996	 18, 1.419, 255.996
 88, 1.419, 255.996	 8, 1.419, 255.996
 98, 1.419, 255.996	 0, 1.419, 255.996

 48, 1.419, 255.996	 48, 1.419, 255.996
 45, 5.500, 257.121	 51, 2.692, 74.558
 43, 9.540, 258.639	 53, 6.816, 73.652

40, 13.521,
260.445

56, 10.943, 72.833

38, 17.433,
262.583

59, 15.062, 72.112

61, 19.165, 71.478

35, 21.270,
265.103

64, 23.244, 70.915

33, 25.036,
268.052

67, 27.295, 70.414

69, 31.313, 69.964

30, 28.753,
271.451

72, 35.294, 69.558

28, 32.462,
275.282

26, 36.221,
279.441

Harmonies

Complementary

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



48, 1.419, 255.996



48, 1.420, 74.798

Rectangle

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



48, 1.419, 255.996



48, 1.419, 305.996



48, 1.419, 75.996



48, 1.419, 125.996

Sweetspot

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



48, 1.418, 255.943



62, 0.513, 256.063



49, 2.030, 162.634



32, 0.294, 256.101



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



48, 1.418, 255.943



61, 2.034, 255.994



47, 2.329, 289.854



24, 1.166, 256.032



26, 40.471, 282.262



54, 72.395, 284.930

Inverse Universe

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



48, 2.023, 343.757



61, 2.905, 343.830



49, 2.301, 109.173



24, 1.667, 343.873



25, 49.392, 0.316



54, 83.353, 2.844

Previews

White Background



This preview shows how the CIELCh color 48, 1.419, 255.996 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 48, 1.419, 255.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

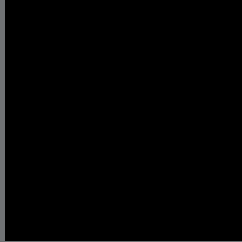
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

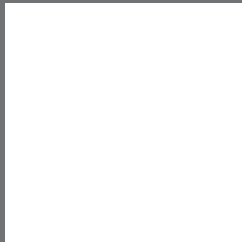
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 1.419, 255.996

Background



This preview shows how black text looks on a background with the CIELCh color 48, 1.419, 255.996.



This preview shows how white text looks on a background with the CIELCh color 48, 1.419, 255.996.

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

48, 1.419, 255.996

Protanopia

48, 1.959, 314.712

Deuteranopia

48, 6.726, 342.412



Tritanopia
48, 5.313, 290.897

Trichromacy



Original Color

48, 1.419, 255.996

Protanomaly

48, 1.825, 303.158

Deuteranomaly

48, 4.110, 334.034

Tritanomaly

48, 4.134, 290.743

Monochromacy



Original Color

48, 1.419, 255.996

Achromatopsia

48, 0.006, 296.813

Achromatomaly

48, 0.713, 255.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 1.419, 255.996 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(112, 114, 116)` looks like.

```
.text, #text, p{  
    color:rgb(112, 114, 116)  
}
```

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(112, 114, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 114, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 1.419, 255.996 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(112, 114, 116) }
```

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

```
.border{ border-color:rgb(112, 114, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 114, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 114, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 114, 116);  
box-shadow:4px 4px 4px 4px rgb(112, 114,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 1.419, 255.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 114, 116) }
```

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

```
.background{ background-color: rgb(112,  
114, 116) }
```

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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