

Converting Colors

CIELCh(48, 8.415, 285.115)

Have a look what the booklet for
CIELCh(48, 8.415, 285.115) contains.

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Color

CIELCh(48, 8.870, 286.412)

Conversions

Conversions Part 1

Format	Color
Hex	6F7180
RGB	111, 113, 128
RGB Percent	44%, 44%, 50%
CMY	0.5641, 0.5563, 0.4974
CMYK	0.13, 0.12, 0.00, 0.50
HSL	233°, 7%, 47%
HSV	233°, 13%, 50%
XYZ	16.4016, 16.7945, 22.8510
YIQ	114.1120, -6.0070, 4.2410

Conversions

Conversions Part 2

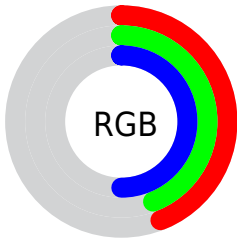
Format	Color
R_{YB}	111, 113, 128
Decimal	7303552
CIE Lab	48.00, 2.51, -8.51
CIE LCh	48, 8.870, 286.412
Yxy	16.7945, 0.2926, 0.2996
Android (android.graphics.Color)	4285493632 (0xFF6F7180)
YUV	114.1120, 6.8468, -2.7292
Hunter-Lab	40.9810, -0.2766, -4.3733

Details

The CIELCh color $48, 8.870, 286.412$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 8.680, 103.570$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 8.835, 286.372$, and $28, 9.098, 286.790$ is the 20% darker color. If you saturate the color by 10%, you get $44, 15.816, 287.724$, and if you desaturate by 10%, it is $52, 2.154, 285.303$.

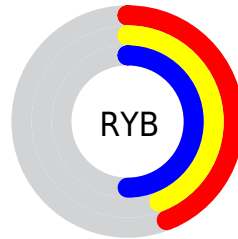
Distribution



Red (44%)

Green (44%)

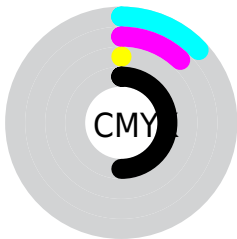
Blue (50%)



Red (44%)

Yellow (44%)

Blue (50%)

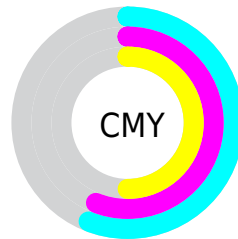


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (50%)



Cyan (56%)

Magenta (56%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 8.870, 286.412 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, 8.870, 286.412 by changing the saturation by 10% instead.

■ 48, 8.870, 286.412

■ 48, 8.870, 286.412

■ 100, 8.870,
286.412

■ 38, 8.870, 286.412

■ 68, 8.870, 286.412

■ 28, 8.870, 286.412

■ 78, 8.870, 286.412

■ 18, 8.870, 286.412

■ 88, 8.870, 286.412

■ 8, 8.870, 286.412

■ 98, 8.870, 286.412

■ 0, 8.870, 286.412

■ 48, 8.870, 286.412

■ 48, 8.870, 286.412

■ 44, 15.816,
287.724

■ 52, 2.154, 285.303

■ 39, 23.015,

■ 56, 4.346, 104.270

289.261

61, 10.645,
103.439

35, 30.486,
291.046

65, 16.755,
102.709

31, 38.240,
293.096

69, 22.687,
102.072

27, 46.261,
295.401

73, 28.451,
101.512

23, 54.446,
297.897

77, 34.055,
101.017

20, 62.517,
300.441

81, 39.509,
100.579

17, 69.894,
302.797

85, 44.818,
100.189

15, 74.124,
304.021

Harmonies

Complementary

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



48, 8.870, 286.412



53, 8.680, 103.570

Rectangle

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



48, 8.870, 286.412



48, 8.870, 336.412



48, 8.870, 106.412



48, 8.870, 156.412

Sweetspot

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



48, 8.869, 286.408



66, 3.256, 285.382



52, 6.741, 187.468



34, 2.334, 285.449



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



48, 8.869, 286.408



60, 13.266, 286.793



48, 10.368, 304.969



25, 3.727, 285.918



15, 73.826, 304.010



0, 0.000, 0.000

Inverse Universe

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



49, 7.141, 10.794



60, 10.727, 11.109



53, 10.138, 123.628



25, 2.983, 10.385



26, 57.633, 33.237



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 8.870, 286.412 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, 8.870, 286.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

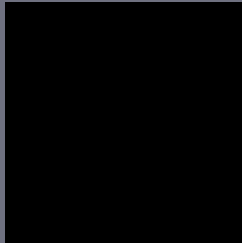
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

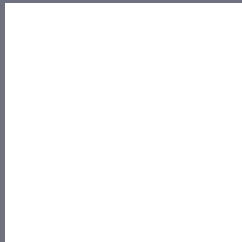
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 8.870, 286.412

Background



This preview shows how black text looks on a background with the CIELCh color 48, 8.870, 286.412.



This preview shows how white text looks on a background with the CIELCh color 48, 8.870, 286.412.

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, 8.870, 286.412

Protanopia

48, 8.852, 288.878

Deuteranopia

48, 11.013, 305.797



Tritanopia
48, 5.501, 274.457

Trichromacy



Original Color
48, 8.870, 286.412

Protanomaly
48, 8.852, 288.878

Deuteranomaly
48, 10.180, 300.212

Tritanomaly
48, 6.636, 277.582

Monochromacy



Original Color
48, 8.870, 286.412

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 2.970, 282.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 8.870, 286.412 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(111, 113, 128)` looks like.

```
.text, #text, p{  
    color:rgb(111, 113, 128)  
}
```

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(111, 113, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 113, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 8.870, 286.412 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(111, 113, 128) }
```

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

```
.border{ border-color:rgb(111, 113, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 113, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 113, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 113, 128);  
box-shadow:4px 4px 4px 4px rgb(111, 113,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 8.870, 286.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 113, 128) }
```

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

```
.background{ background-color: rgb(111,  
113, 128) }
```

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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