

Converting Colors

CIELCh(49, 7.308, 261.648)

Have a look what the booklet for
CIELCh(49, 7.308, 261.648) contains.

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Color

CIELCh(49, 7.240, 262.760)

Conversions

Conversions Part 1

Format	Color
Hex	6C7580
RGB	108, 117, 128
RGB Percent	42%, 46%, 50%
CMY	0.5750, 0.5396, 0.4965
CMYK	0.16, 0.09, 0.00, 0.50
HSL	213°, 8%, 46%
HSV	213°, 16%, 50%
XYZ	16.5598, 17.5941, 23.0812
YIQ	115.5630, -8.8950, 1.5130

Conversions

Conversions Part 2

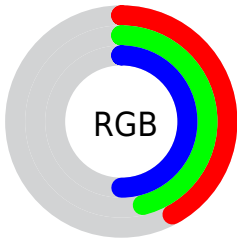
Format	Color
R _Y B	108, 114, 128
Decimal	7107968
CIE Lab	49.00, -0.91, -7.18
CIE LCh	49, 7.240, 262.760
Yxy	17.5941, 0.2893, 0.3074
Android (android.graphics.Color)	4285298048 (0xFF6C7580)
YUV	115.5630, 6.1314, -6.6328
Hunter-Lab	41.9453, -2.9333, -3.2638

Details

The CIELCh color $49, 7.240, 262.760$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 7.431, 78.703$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 7.287, 264.336$, and $29, 7.303, 261.439$ is the 20% darker color. If you saturate the color by 10%, you get $46, 11.870, 264.376$, and if you desaturate by 10%, it is $52, 2.598, 261.411$.

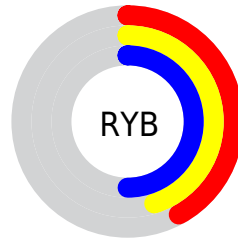
Distribution



Red (42%)

Green (46%)

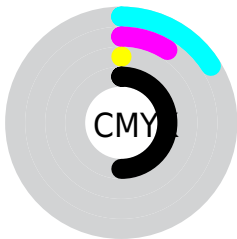
Blue (50%)



Red (42%)

Yellow (45%)

Blue (50%)

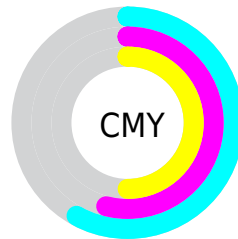


Cyan (16%)

Magenta (9%)

Yellow (0%)

Black (50%)



Cyan (58%)

Magenta (54%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 7.240, 262.760 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 49, 7.240, 262.760 by changing the saturation by 10% instead.

■ 49, 7.240, 262.760

■ 49, 7.240, 262.760

■ 100, 7.240,
262.760

■ 39, 7.240, 262.760

■ 69, 7.240, 262.760

■ 29, 7.240, 262.760

■ 79, 7.240, 262.760

■ 19, 7.240, 262.760

■ 89, 7.240, 262.760

■ 9, 7.240, 262.760

■ 99, 7.240, 262.760

■ 0, 7.240, 262.760

■ 49, 7.240, 262.760

■ 49, 7.240, 262.760

■ 46, 11.870,
264.376

■ 52, 2.598, 261.411

■ 43, 16.481,

■ 55, 2.043, 80.003

266.292

58, 6.673, 79.046

40, 21.068,
268.544

61, 11.282, 78.158

37, 25.633,
271.176

64, 15.861, 77.375

67, 20.405, 76.683

34, 30.193,
274.223

70, 24.908, 76.067

32, 34.778,
277.686

73, 29.365, 75.517

76, 33.773, 75.022

29, 39.435,
281.516

27, 44.212,
285.544

25, 46.387,
287.181

Harmonies

Complementary

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



49, 7.240, 262.760



51, 7.431, 78.703

Rectangle

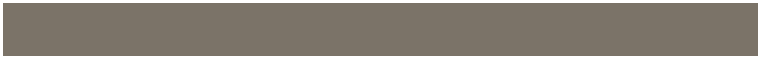
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49, 7.240, 262.760



49, 7.240, 312.760



49, 7.240, 82.760



49, 7.240, 132.760

Sweetspot

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



49, 7.239, 262.752



66, 2.867, 261.359



52, 9.637, 164.200



34, 1.971, 261.425



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



49, 7.239, 262.752



61, 10.871, 263.345



46, 11.893, 293.015



25, 2.605, 261.842



25, 46.121, 287.149



0, 0.000, 0.000

Inverse Universe

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



48, 9.750, 347.753



59, 14.711, 348.129



53, 11.494, 110.124



25, 3.477, 347.141



26, 50.519, 5.171



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 7.240, 262.760 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 49, 7.240, 262.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

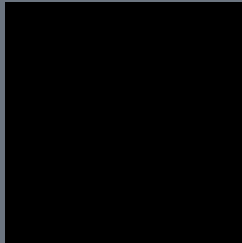
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

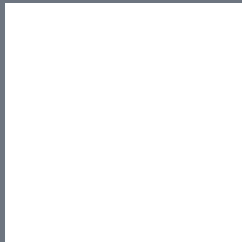
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 7.240, 262.760

Background



This preview shows how black text looks on a background with the CIELCh color 49, 7.240, 262.760.



This preview shows how white text looks on a background with the CIELCh color 49, 7.240, 262.760.

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

49, 7.240, 262.760

Protanopia

49, 7.060, 291.115

Deuteranopia

49, 10.094, 311.725



Tritanopia
49, 6.444, 254.460

Trichromacy



Original Color

49, 7.240, 262.760

Protanomaly

49, 7.123, 281.783

Deuteranomaly

49, 8.282, 296.615

Tritanomaly

49, 6.916, 257.505

Monochromacy



Original Color

49, 7.240, 262.760

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 2.808, 256.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 7.240, 262.760 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(108, 117, 128)` looks like.

```
.text, #text, p{  
    color:rgb(108, 117, 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(108, 117, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 117, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 7.240, 262.760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

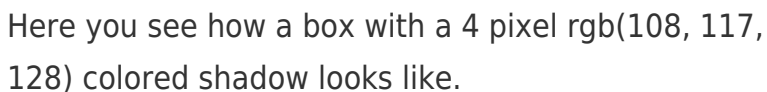
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 117, 128) }
```

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

```
.border{ border-color:rgb(108, 117, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 117, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 117, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 117, 128); box-shadow:4px 4px 4px 4px rgb(108, 117, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 7.240, 262.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 117, 128) }
```

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

```
.background{ background-color: rgb(108,  
117, 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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