

Converting Colors

CIELCh(49, 6.504, 275.299)

Have a look what the booklet for
CIELCh(49, 6.504, 275.299) contains.

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Color

CIELCh(49, 6.140, 272.655)

Conversions

Conversions Part 1

Format	Color
Hex	70757F
RGB	112, 117, 127
RGB Percent	44%, 46%, 50%
CMY	0.5620, 0.5424, 0.5033
CMYK	0.12, 0.08, 0.00, 0.50
HSL	220°, 6%, 47%
HSV	220°, 12%, 50%
XYZ	16.7736, 17.5941, 22.4775
YIQ	116.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

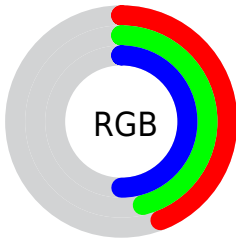
Format	Color
R_{YB}	112, 116, 127
Decimal	7370111
CIE Lab	49.00, 0.28, -6.13
CIE LCh	49, 6.140, 272.655
Yxy	17.5941, 0.2951, 0.3095
Android (android.graphics.Color)	4285560191 (0xFF70757F)
YUV	116.6450, 5.1050, -4.0737
Hunter-Lab	41.9453, -2.0234, -2.4105

Details

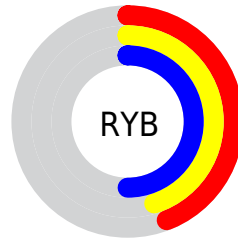
The CIELCh color $49, 6.140, 272.655$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 6.146, 89.673$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 6.276, 273.916$, and $29, 6.099, 271.453$ is the 20% darker color. If you saturate the color by 10%, you get $46, 11.408, 274.127$, and if you desaturate by 10%, it is $52, 0.950, 271.510$.

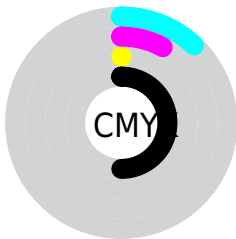
Distribution



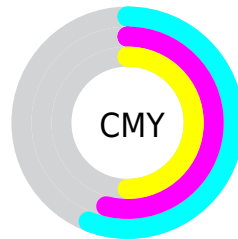
- Red (44%)
- Green (46%)
- Blue (50%)



- Red (44%)
- Yellow (45%)
- Blue (50%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 6.140, 272.655 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, 6.140, 272.655 by changing the saturation by 10% instead.

■ 49, 6.140, 272.655

■ 49, 6.140, 272.655

■ 100, 6.140,
272.655

■ 39, 6.140, 272.655

■ 69, 6.140, 272.655

■ 29, 6.140, 272.655

■ 79, 6.140, 272.655

■ 19, 6.140, 272.655

■ 89, 6.140, 272.655

■ 9, 6.140, 272.655

■ 99, 6.140, 272.655

■ 0, 6.140, 272.655

■ 49, 6.140, 272.655

■ 49, 6.140, 272.655

■ 46, 11.408,
274.127

■ 52, 0.950, 271.510

■ 42, 16.758,

■ 56, 4.160, 90.169

275.859

59, 9.189, 89.217

39, 22.197,
277.875

63, 14.138, 88.369

35, 27.737,
280.213

66, 19.005, 87.617

32, 33.398,
282.896

69, 23.789, 86.949

29, 39.202,
285.922

73, 28.492, 86.351

26, 45.164,
289.239

76, 33.112, 85.813

23, 51.255,
292.729

21, 56.285,
295.383

Harmonies

Complementary

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



49, 6.140, 272.655



51, 6.146, 89.673

Rectangle

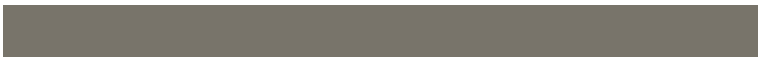
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49, 6.140, 272.655



49, 6.140, 322.655



49, 6.140, 92.655



49, 6.140, 142.655

Sweetspot

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



49, 6.139, 272.646



66, 2.575, 271.685



52, 6.685, 171.595



35, 1.844, 271.757



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, 6.139, 272.646



62, 9.063, 272.994



48, 8.918, 296.961



25, 2.934, 272.283



21, 56.590, 295.408



0, 0.000, 0.000

Inverse Universe

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



49, 6.809, 354.716



61, 10.078, 354.975



52, 8.696, 115.218



25, 3.244, 354.438



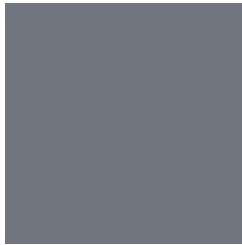
26, 51.321, 16.099



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 6.140, 272.655 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, 6.140, 272.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

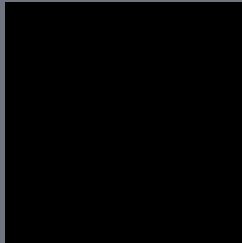
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

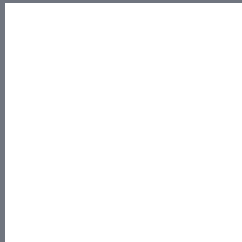
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 6.140, 272.655

Background



This preview shows how black text looks on a background with the CIELCh color 49, 6.140, 272.655.



This preview shows how white text looks on a background with the CIELCh color 49, 6.140, 272.655.

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, 6.140, 272.655

Protanopia

49, 5.876, 290.957

Deuteranopia

49, 9.171, 316.614



Tritanopia
49, 5.590, 270.626

Trichromacy



Original Color

49, 6.140, 272.655

Protanomaly

49, 5.914, 283.412

Deuteranomaly

49, 7.925, 305.443

Tritanomaly

49, 5.590, 270.626

Monochromacy



Original Color

49, 6.140, 272.655

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 2.472, 271.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 6.140, 272.655 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, 117, 127)` looks like.

```
.text, #text, p{  
    color:rgb(112, 117, 127)  
}
```

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, 117, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 117, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 6.140, 272.655 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, 117, 127) }
```

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

```
.border{ border-color:rgb(112, 117, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 117, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 117, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 117, 127);  
box-shadow:4px 4px 4px 4px rgb(112, 117,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 6.140, 272.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 117, 127) }
```

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

```
.background{ background-color: rgb(112,  
117, 127) }
```

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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