

Converting Colors

CIELCh(49, 4.510, 180.995)

Have a look what the booklet for
CIELCh(49, 4.510, 180.995) contains.

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Color

CIELCh(49, 4.742, 177.139)

Conversions

Conversions Part 1

Format	Color
Hex	6C7774
RGB	108, 119, 116
RGB Percent	42%, 47%, 45%
CMY	0.5770, 0.5339, 0.5457
CMYK	0.09, 0.00, 0.03, 0.53
HSL	164°, 5%, 44%
HSV	164°, 9%, 47%
XYZ	15.8888, 17.5941, 19.0358
YIQ	115.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

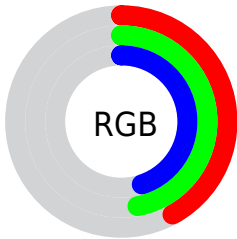
Format	Color
RYB	108, 114, 119
Decimal	7108468
CIELab	49.00, -4.74, 0.24
CIElCh	49, 4.742, 177.139
Yxy	17.5941, 0.3025, 0.3350
Android (android.graphics.Color)	4285298548 (0xFF6C7774)
YUV	115.3690, 0.3111, -6.4626
Hunter-Lab	41.9453, -5.7886, 2.4544

Details

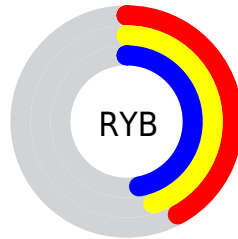
The CIELCh color $49, 4.742, 177.139$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 4.878, 358.641$, and the grayscale version is $49, 0.006, 296.813$.

A 20% lighter version of the original color is $69, 4.791, 178.981$, and $29, 4.775, 174.841$ is the 20% darker color. If you saturate the color by 10%, you get $48, 9.770, 176.168$, and if you desaturate by 10%, it is $50, 0.388, 357.074$.

Distribution



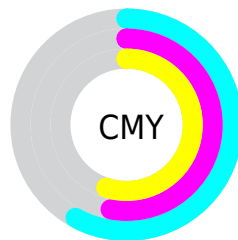
- Red (42%)
- Green (47%)
- Blue (45%)



- Red (42%)
- Yellow (45%)
- Blue (47%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 4.742, 177.139 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, 4.742, 177.139 by changing the saturation by 10% instead.

■ 49, 4.742, 177.139

■ 49, 4.742, 177.139

■ 100, 4.742,
177.139

■ 39, 4.742, 177.139

■ 69, 4.742, 177.139

■ 29, 4.742, 177.139

■ 79, 4.742, 177.139

■ 19, 4.742, 177.139

■ 89, 4.742, 177.139

■ 9, 4.742, 177.139

■ 99, 4.742, 177.139

■ 0, 4.742, 177.139

■ 49, 4.742, 177.139

■ 49, 4.742, 177.139

■ 48, 9.770, 176.168

■ 50, 0.388, 357.074

■ 47, 14.625,
175.165

■ 51, 5.567, 358.698

■ 46, 19.233,
174.090

■ 52, 10.747,
359.513

■ 46, 23.517,
172.922

■ 54, 15.893, 0.275

■ 45, 27.399,
171.641

■ 55, 20.978, 1.002

■ 57, 25.983, 1.699

■ 45, 30.815,
170.224

■ 58, 30.895, 2.369

■ 44, 33.722,
168.652

■ 60, 35.707, 3.015

■ 61, 40.413, 3.637

■ 44, 36.108,
166.907

■ 44, 38.157,
165.096

Harmonies

Complementary

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



49, 4.742, 177.139



47, 4.878, 358.641

Rectangle

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



49, 4.742, 177.139



49, 4.742, 227.139



49, 4.742, 357.139



49, 4.742, 47.139

Sweetspot

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



49, 4.743, 177.130



64, 1.922, 177.814



49, 7.230, 135.896



33, 1.469, 177.712



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



49, 4.743, 177.130



63, 7.016, 176.934



48, 3.643, 221.845



24, 2.854, 177.152



45, 39.167, 164.898



88, 67.649, 163.655

Inverse Universe

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



47, 4.878, 358.641



59, 7.257, 358.851



47, 3.844, 41.096



23, 2.933, 358.617



25, 50.982, 21.285



53, 88.230, 24.694

Previews

White Background



This preview shows how the CIELCh color 49, 4.742, 177.139 looks on a white background.

Color Contrast Check

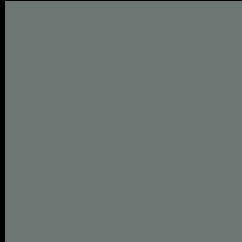
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 49, 4.742, 177.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

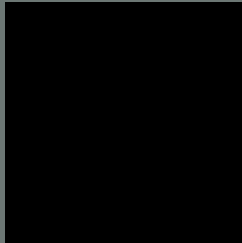
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

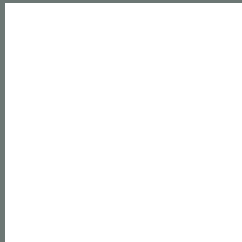
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 4.742, 177.139

Background



This preview shows how black text looks on a background with the CIELCh color 49, 4.742, 177.139.



This preview shows how white text looks on a background with the CIELCh color 49, 4.742, 177.139.

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, 4.742, 177.139

Protanopia

49, 1.683, 63.310

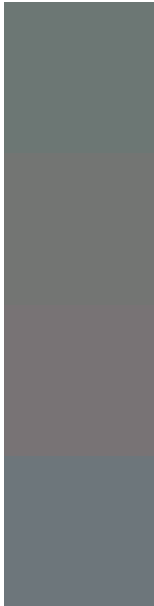
Deuteranopia

49, 6.195, 357.919



Tritanopia
49, 6.403, 266.130

Trichromacy



Original Color

49, 4.742, 177.139

Protanomaly

49, 1.427, 144.474

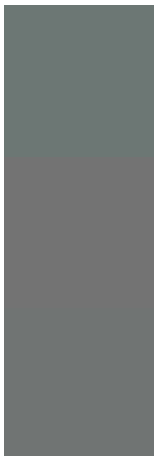
Deuteranomaly

49, 2.354, 349.637

Tritanomaly

49, 4.517, 239.801

Monochromacy



Original Color

49, 4.742, 177.139

Achromatopsia

48, 0.006, 296.813

Achromatomaly

48, 1.718, 179.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 4.742, 177.139 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, 119, 116)` looks like.

```
.text, #text, p{  
    color:rgb(108, 119, 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(108, 119, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 119, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 4.742, 177.139 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, 119, 116) }
```

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

```
.border{ border-color:rgb(108, 119, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 119, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 119, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 119, 116);  
box-shadow:4px 4px 4px 4px rgb(108, 119,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 4.742, 177.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 119, 116) }
```

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

```
.background{ background-color: rgb(108,  
119, 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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