

Converting Colors

CIELCh(49, 3.680, 248.871)

Have a look what the booklet for
CIELCh(49, 3.680, 248.871) contains.

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Color

CIELCh(49, 3.726, 251.472)

Conversions

Conversions Part 1

Format	Color
Hex	6F757A
RGB	111, 117, 122
RGB Percent	44%, 46%, 48%
CMY	0.5637, 0.5401, 0.5205
CMYK	0.09, 0.04, 0.00, 0.52
HSL	207°, 5%, 46%
HSV	207°, 9%, 48%
XYZ	16.5115, 17.5941, 21.0264
YIQ	115.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

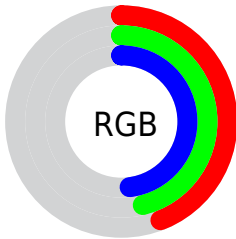
Format	Color
R_{YB}	111, 115, 122
Decimal	7304570
CIE Lab	49.00, -1.18, -3.53
CIE LCh	49, 3.726, 251.472
Yxy	17.5941, 0.2995, 0.3191
Android (android.graphics.Color)	4285494650 (0xFF6F757A)
YUV	115.7760, 3.0684, -4.1886
Hunter-Lab	41.9453, -3.1387, -0.3593

Details

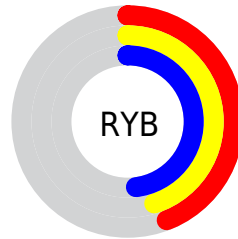
The CIELCh color $49, 3.726, 251.472$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 3.823, 69.264$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 3.500, 251.191$, and $29, 3.579, 245.356$ is the 20% darker color. If you saturate the color by 10%, you get $46, 7.794, 252.793$, and if you desaturate by 10%, it is $52, 0.412, 69.528$.

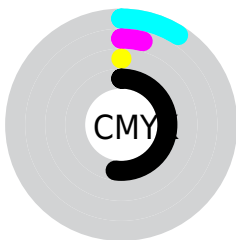
Distribution



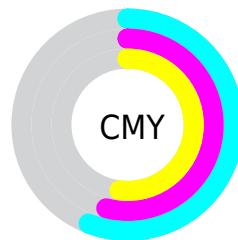
- Red (44%)
- Green (46%)
- Blue (48%)



- Red (44%)
- Yellow (45%)
- Blue (48%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (52%)



- Cyan (56%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 3.726, 251.472 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, 3.726, 251.472 by changing the saturation by 10% instead.

■ 49, 3.726, 251.472 ■ 49, 3.726, 251.472

■ 100, 3.726, 251.472 ■ 39, 3.726, 251.472

■ 69, 3.726, 251.472 ■ 29, 3.726, 251.472

■ 79, 3.726, 251.472 ■ 19, 3.726, 251.472

■ 89, 3.726, 251.472 ■ 9, 3.726, 251.472

■ 99, 3.726, 251.472 ■ 0, 3.726, 251.472

■ 49, 3.726, 251.472 ■ 49, 3.726, 251.472

■ 46, 7.794, 252.793 ■ 52, 0.412, 69.528

■ 44, 11.772, 254.424 ■ 54, 4.598, 69.161

■ 41, 15.639,
256.376

■ 57, 8.816, 68.344

■ 39, 19.380,
258.707

■ 59, 13.050, 67.626

■ 37, 22.987,
261.474

■ 62, 17.288, 67.000

■ 34, 26.469,
264.722

■ 67, 25.737, 65.967

■ 32, 29.857,
268.467

■ 70, 29.933, 65.538

■ 30, 33.209,
272.666

■ 73, 34.102, 65.155

■ 28, 36.642,
276.952

Harmonies

Complementary

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



49, 3.726, 251.472



49, 3.823, 69.264

Rectangle

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



49, 3.726, 251.472



49, 3.726, 301.472



49, 3.726, 71.472



49, 3.726, 121.472

Sweetspot

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



49, 3.726, 251.452



64, 1.543, 250.882



50, 5.681, 160.413



33, 1.162, 250.924



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, 3.726, 251.452



62, 5.608, 251.729



47, 6.183, 289.025



24, 2.333, 251.460



28, 37.652, 277.464



57, 66.519, 280.207

Inverse Universe

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



48, 5.719, 341.911



60, 8.645, 342.101



51, 6.069, 107.237



24, 3.582, 341.917



26, 50.728, 356.387



55, 84.777, 358.544

Previews

White Background



This preview shows how the CIELCh color 49, 3.726, 251.472 looks on a white background.

Color Contrast Check

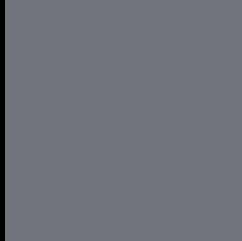
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.726, 251.472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

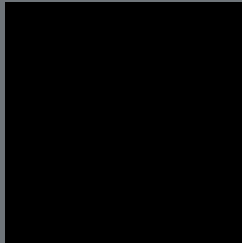
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

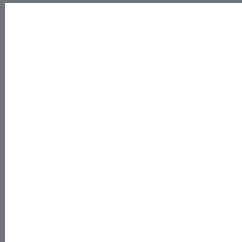
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 3.726, 251.472

Background



This preview shows how black text looks on a background with the CIELCh color 49, 3.726, 251.472.



This preview shows how white text looks on a background with the CIELCh color 49, 3.726, 251.472.

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, 3.726, 251.472

Protanopia

49, 2.973, 298.261

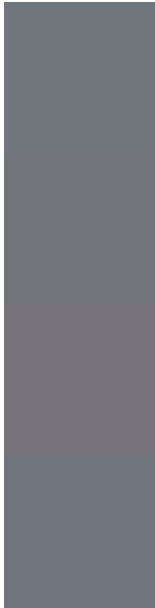
Deuteranopia

49, 7.374, 327.458



Tritanopia
49, 5.590, 270.626

Trichromacy



Original Color

49, 3.726, 251.472

Protanomaly

49, 2.961, 282.898

Deuteranomaly

49, 4.986, 309.326

Tritanomaly

49, 5.047, 268.174

Monochromacy



Original Color

49, 3.726, 251.472

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 1.414, 255.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 3.726, 251.472 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, 117, 122)` looks like.

```
.text, #text, p{  
    color:rgb(111, 117, 122)  
}
```

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, 117, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 117, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 3.726, 251.472 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, 117, 122) }
```

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

```
.border{ border-color:rgb(111, 117, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 117, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 117, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 117, 122);  
box-shadow:4px 4px 4px 4px rgb(111, 117,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 3.726, 251.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 117, 122) }
```

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

```
.background{ background-color: rgb(111,  
117, 122) }
```

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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