

Converting Colors

CIELCh(49, 6.208, 43.682)

Have a look what the booklet for
CIELCh(49, 6.208, 43.682) contains.

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Color

CIELCh(49, 6.186, 48.019)

Conversions

Conversions Part 1

Format	Color
Hex	7F726D
RGB	127, 114, 109
RGB Percent	50%, 45%, 43%
CMY	0.5027, 0.5536, 0.5732
CMYK	0.00, 0.10, 0.14, 0.50
HSL	17°, 8%, 46%
HSV	17°, 14%, 50%
XYZ	17.4745, 17.5941, 16.8942
YIQ	117.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

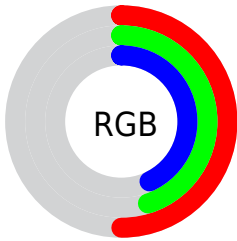
Format	Color
RYB	127, 116, 109
Decimal	8352365
CIELab	49.00, 4.14, 4.60
CIELCh	49, 6.186, 48.019
Yxy	17.5941, 0.3363, 0.3386
Android (android.graphics.Color)	4286542445 (0xFF7F726D)
YUV	117.3170, -4.1003, 8.4920
Hunter-Lab	41.9453, 0.9594, 5.4816

Details

The CIELCh color $49, 6.186, 48.019$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 5.717, 229.835$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 6.352, 50.776$, and $29, 6.165, 44.651$ is the 20% darker color. If you saturate the color by 10%, you get $46, 10.951, 47.619$, and if you desaturate by 10%, it is $52, 1.759, 48.393$.

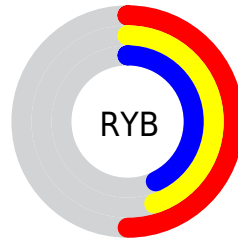
Distribution



Red (50%)

Green (45%)

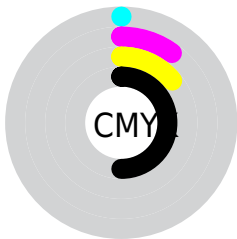
Blue (43%)



Red (50%)

Yellow (45%)

Blue (43%)

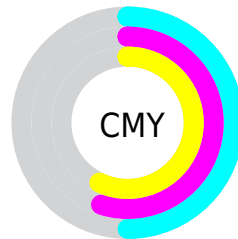


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 6.186, 48.019 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, 6.186, 48.019 by changing the saturation by 10% instead.

■ 49, 6.186, 48.019 ■ 49, 6.186, 48.019

■ 100, 6.186, 48.019 ■ 39, 6.186, 48.019

■ 69, 6.186, 48.019 ■ 29, 6.186, 48.019

■ 79, 6.186, 48.019 ■ 19, 6.186, 48.019

■ 89, 6.186, 48.019 ■ 9, 6.186, 48.019

■ 99, 6.186, 48.019 ■ 0, 6.186, 48.019

■ 49, 6.186, 48.019 ■ 49, 6.186, 48.019

■ 46, 10.951, 47.619 ■ 52, 1.759, 48.393

■ 43, 16.083, 47.277 ■ 55, 2.362, 229.316

■ 41, 21.600, 47.039 ■ 58, 6.209, 229.809

38, 27.502, 46.928

61, 9.813, 230.396

36, 33.750, 46.948

64, 13.204,
231.006

33, 40.233, 47.066

67, 16.407,
231.621

31, 46.687, 47.158

30, 52.581, 46.951

70, 19.444,
232.234

29, 55.751, 46.904

73, 22.337,
232.839

76, 25.102,
233.432

Harmonies

Complementary

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



49, 6.186, 48.019



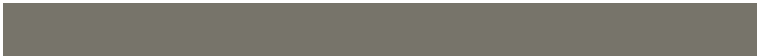
50, 5.717, 229.835

Rectangle

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



49, 6.186, 48.019



49, 6.186, 98.019



49, 6.186, 228.019



49, 6.186, 278.019

Sweetspot

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



49, 6.186, 48.035



67, 2.090, 48.393



48, 10.648, 333.859



35, 1.501, 48.388



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

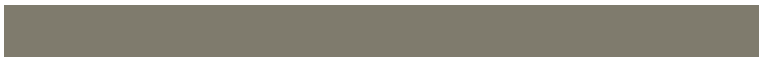
The Same Dimension uses a secret algorithm to generate beautiful new colors.



49, 6.186, 48.035



62, 9.337, 47.896



51, 8.173, 96.719



25, 2.421, 48.251



29, 56.003, 46.911



0, 0.000, 0.000

Inverse Universe

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



50, 5.717, 229.835



64, 8.462, 230.088



48, 8.267, 280.066



26, 2.307, 229.492



36, 28.018, 250.192



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 6.186, 48.019 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, 6.186, 48.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

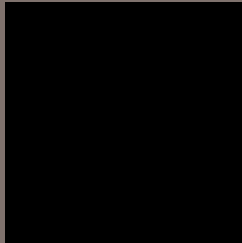
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 6.186, 48.019

Background



This preview shows how black text looks on a background with the CIELCh color 49, 6.186, 48.019.

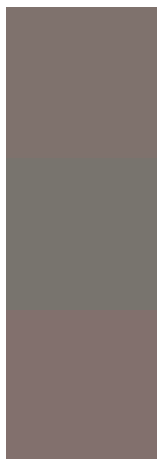


This preview shows how white text looks on a background with the CIELCh color 49, 6.186, 48.019.

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, 6.186, 48.019

Protanopia

49, 3.869, 84.366

Deuteranopia

49, 7.779, 33.198



Tritanopia
49, 8.372, 341.352

Trichromacy



Original Color
49, 6.186, 48.019

Protanomaly
49, 4.114, 64.829

Deuteranomaly
49, 7.124, 39.180

Tritanomaly
49, 6.581, 359.347

Monochromacy



Original Color
49, 6.186, 48.019

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 2.347, 49.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 6.186, 48.019 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(127, 114, 109)` looks like.

```
.text, #text, p{  
    color:rgb(127, 114, 109)  
}
```

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(127, 114, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 114, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 6.186, 48.019 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(127, 114, 109) }
```

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

```
.border{ border-color:rgb(127, 114, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 114, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 114, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 114, 109);  
box-shadow:4px 4px 4px 4px rgb(127, 114,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 6.186, 48.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 114, 109) }
```

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

```
.background{ background-color: rgb(127,  
114, 109) }
```

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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