

Converting Colors

CIELCh(50, 17.125, 1.830)

Have a look what the booklet for
CIELCh(50, 17.125, 1.830) contains.

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Color

CIELCh(50, 17.099, 1.808)

Conversions

Conversions Part 1

Format	Color
Hex	946D77
RGB	148, 109, 119
RGB Percent	58%, 43%, 47%
CMY	0.4214, 0.5742, 0.5351
CMYK	0.00, 0.26, 0.20, 0.42
HSL	345°, 15%, 50%
HSV	345°, 26%, 58%
XYZ	20.8548, 18.4187, 19.7709
YIQ	121.8010, 20.0340, 11.3780

Conversions

Conversions Part 2

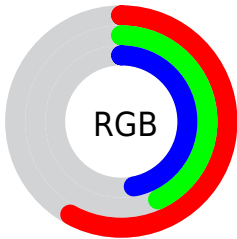
Format	Color
R _Y B	148, 109, 119
Decimal	9727351
CIE Lab	50.00, 17.09, 0.54
CIE LCh	50, 17.099, 1.808
Yxy	18.4187, 0.3532, 0.3119
Android (android.graphics.Color)	4287917431 (0xFF946D77)
YUV	121.8010, -1.3809, 22.9765
Hunter-Lab	42.9170, 11.6347, 2.7283

Details

The CIELCh color $50, 17.099, 1.808$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 15.657, 176.594$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 17.087, 2.503$, and $30, 16.959, 0.866$ is the 20% darker color. If you saturate the color by 10%, you get $46, 23.945, 3.230$, and if you desaturate by 10%, it is $54, 10.416, 0.610$.

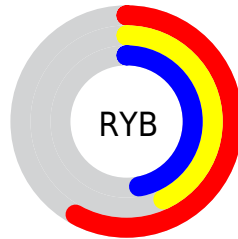
Distribution



Red (58%)

Green (43%)

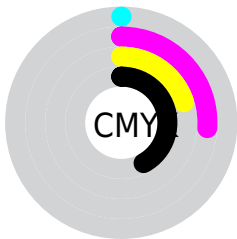
Blue (47%)



Red (58%)

Yellow (43%)

Blue (47%)

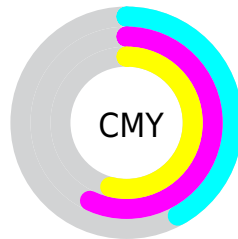


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (42%)



Cyan (42%)












Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 17.099, 1.808 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 50, 17.099, 1.808 by changing the saturation by 10% instead.

 50, 17.099, 1.808	 50, 17.099, 1.808
 100, 17.099, 1.808	 40, 17.099, 1.808
 70, 17.099, 1.808	 30, 17.099, 1.808
 80, 17.099, 1.808	 20, 17.099, 1.808
 90, 17.099, 1.808	 10, 17.099, 1.808
	 0, 17.099, 1.808

 50, 17.099, 1.808	 50, 17.099, 1.808
 46, 23.945, 3.230	 54, 10.416, 0.610
 42, 30.823, 4.944	 58, 3.982, 359.532
 39, 37.524, 7.057	 63, 2.169, 178.928

■ 36, 43.785, 9.705

■ 67, 8.025, 178.016

■ 34, 49.333, 13.038

■ 71, 13.595,
177.301

■ 32, 53.981, 17.190

■ 76, 18.895,
176.667

■ 31, 57.820, 22.104

■ 30, 59.239, 23.814

■ 80, 23.946,
176.096

■ 85, 28.770,
175.576

■ 89, 33.389,
175.099

Harmonies

Complementary

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



50, 17.099, 1.808



58, 15.657, 176.594

Rectangle

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



50, 17.099, 1.808



50, 17.099, 51.808



50, 17.099, 181.808



50, 17.099, 231.808

Sweetspot

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



50, 17.097, 1.812



73, 6.161, 359.721



50, 25.275, 317.881



38, 4.427, 359.870



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



50, 17.097, 1.812



61, 25.863, 2.666



52, 13.920, 42.674



29, 3.536, 359.832



28, 56.197, 23.423



1, 3.032, 359.044

Inverse Universe

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



50, 17.097, 1.812



61, 25.863, 2.666



56, 11.756, 224.964



29, 3.536, 359.832



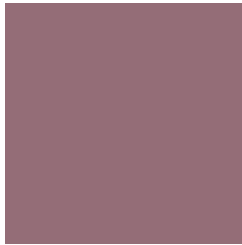
28, 56.197, 23.423



1, 3.032, 359.044

Previews

White Background



This preview shows how the CIELCh color 50, 17.099, 1.808 looks on a white 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

Black Background



This preview shows how the CIE LCh color 50, 17.099, 1.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

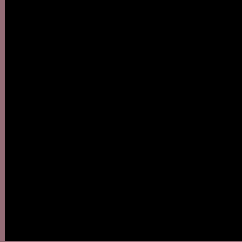
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 17.099, 1.808

Background



This preview shows how black text looks on a background with the CIELCh color 50, 17.099, 1.808.



This preview shows how white text looks on a background with the CIELCh color 50, 17.099, 1.808.

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

50, 17.099, 1.808

Protanopia

50, 2.960, 298.255

Deuteranopia

50, 6.682, 10.117



Tritanopia
50, 16.436, 5.129

Trichromacy



Original Color
50, 17.099, 1.808

Protanomaly
50, 7.334, 346.410

Deuteranomaly
50, 10.307, 4.272

Tritanomaly
50, 16.560, 3.174

Monochromacy



Original Color
50, 17.099, 1.808

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 6.550, 359.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 17.099, 1.808 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(148, 109, 119)` looks like.

```
.text, #text, p{  
    color:rgb(148, 109, 119)  
}
```

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(148, 109, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 109, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 17.099, 1.808 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(148, 109, 119) }
```

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

```
.border{ border-color:rgb(148, 109, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 109, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 109, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 109, 119);  
box-shadow:4px 4px 4px 4px rgb(148, 109,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 17.099, 1.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 109, 119) }
```

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

```
.background{ background-color: rgb(148,  
109, 119) }
```

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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