

Converting Colors

CIELCh(49, 11.469, 322.534)

Have a look what the booklet for
CIELCh(49, 11.469, 322.534)
contains.

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Color

CIELCh(49, 11.157, 323.350)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7F7080 |
| RGB | 127, 112, 128 |
| RGB Percent | 50%, 44%, 50% |
| CMY | 0.5028, 0.5616, 0.4988 |
| CMYK | 0.01, 0.13, 0.00, 0.50 |
| HSL | 296°, 7%, 47% |
| HSV | 296°, 13%, 50% |
| XYZ | 18.3772, 17.5941, 22.7792 |
| YIQ | 118.3090, 3.8040, 8.1560 |

Conversions

Conversions Part 2

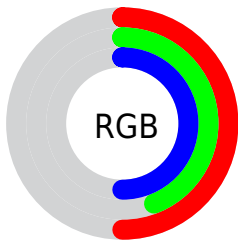
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 127, 112, 128 |
| Decimal | 8351872 |
| CIE Lab | 49.00, 8.95, -6.66 |
| CIE LCh | 49, 11.157, 323.350 |
| Yxy | 17.5941, 0.3128, 0.2995 |
| Android (android.graphics.Color) | 4286541952 (0xFF7F7080) |
| YUV | 118.3090, 4.7777, 7.6220 |
| Hunter-Lab | 41.9453, 4.8007, -2.8369 |

Details

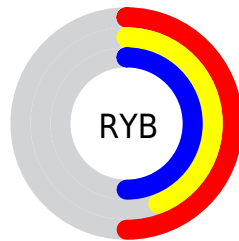
The CIELCh color **49, 11.157, 323.350** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **52, 11.126, 142.108**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 11.120, 323.310**, and **29, 11.399, 323.499** is the 20% darker color. If you saturate the color by 10%, you get **46, 20.149, 323.843**, and if you desaturate by 10%, it is **53, 2.229, 322.800**.

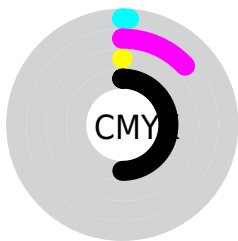
Distribution



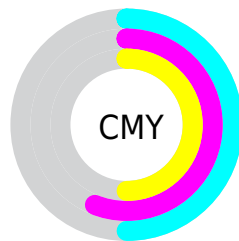
- Red (50%)
- Green (44%)
- Blue (50%)



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



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (50%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 11.157, 323.350 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, 11.157, 323.350 by changing the saturation by 10% instead.


 49, 11.157,
323.350


 49, 11.157,
323.350


 100, 11.157,
323.350


 39, 11.157,
323.350

 69, 11.157,
323.350


 29, 11.157,
323.350

 79, 11.157,
323.350

 19, 11.157,
323.350

 89, 11.157,
323.350

 9, 11.157, 323.350

 99, 11.157,
323.350

 0, 11.157, 323.350

 49, 11.157,

 49, 11.157,

323.350

46, 20.149,
323.843

42, 29.081,
324.320

39, 37.768,
324.767

36, 45.963,
325.167

34, 53.362,
325.499

32, 59.627,
325.742

30, 64.449,
325.876

29, 67.636,
325.888

323.350

53, 2.229, 322.800

56, 6.546, 142.428

60, 15.117,
141.951

64, 23.457,
141.505

67, 31.553,
141.086

71, 39.404,
140.692

75, 47.013,
140.324

79, 54.389,
139.982

■ 28, 69.480,
325.860

■ 83, 61.544,
139.665

Harmonies

Complementary

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



49, 11.157, 323.350



52, 11.126, 142.108

Rectangle

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



49, 11.157, 323.350



49, 11.157, 13.350



49, 11.157, 143.350



49, 11.157, 193.350

Sweetspot

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



49, 11.155, 323.350



66, 4.388, 322.907



48, 8.811, 288.696



35, 3.144, 322.946



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, 11.155, 323.350



61, 16.564, 323.491



49, 8.395, 341.144



25, 5.004, 323.177



28, 69.364, 325.861



0, 0.000, 0.000

Inverse Universe

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



49, 6.656, 15.114



61, 9.963, 15.376



52, 8.300, 159.296



25, 2.957, 14.808



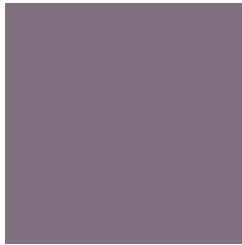
25, 59.287, 35.835



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 11.157, 323.350 looks on a white background.

Color Contrast Check

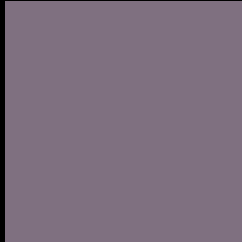
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.157, 323.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

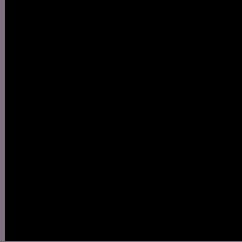
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 11.157, 323.350

Background



This preview shows how black text looks on a background with the CIELCh color 49, 11.157, 323.350.



This preview shows how white text looks on a background with the CIELCh color 49, 11.157, 323.350.

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, 11.157, 323.350

Protanopia

49, 8.225, 288.586

Deuteranopia

49, 9.701, 315.126



Tritanopia
49, 7.461, 335.247

Trichromacy



Original Color
49, 11.157, 323.350

Protanomaly
49, 9.068, 303.678

Deuteranomaly
49, 9.868, 317.242

Tritanomaly
49, 8.323, 329.535

Monochromacy



Original Color
49, 11.157, 323.350

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 4.070, 319.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 11.157, 323.350 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, 112, 128)` looks like.

```
.text, #text, p{  
    color:rgb(127, 112, 128)  
}
```

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, 112, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 112, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 11.157, 323.350 is called "border". The border property can be set on classes, ids or directly on the HTML element.

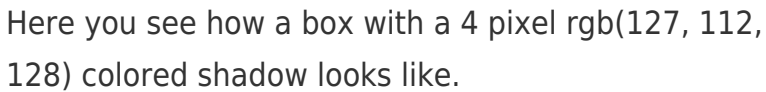
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 112, 128) }
```

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

```
.border{ border-color:rgb(127, 112, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 112, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 112, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 112, 128); box-shadow:4px 4px 4px 4px rgb(127, 112, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 11.157, 323.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 112, 128) }
```

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

```
.background{ background-color: rgb(127,  
112, 128) }
```

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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