

Converting Colors

CIELCh(49, 28.185, 48.478)

Have a look what the booklet for
CIELCh(49, 28.185, 48.478) contains.

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Color

CIELCh(49, 28.122, 48.484)

Conversions

Conversions Part 1

Format	Color
Hex	9D6852
RGB	157, 104, 82
RGB Percent	62%, 41%, 32%
CMY	0.3854, 0.5931, 0.6794
CMYK	0.00, 0.34, 0.48, 0.39
HSL	18°, 31%, 47%
HSV	18°, 48%, 61%
XYZ	20.2873, 17.5941, 10.2605
YIQ	117.3390, 38.6500, 4.3940

Conversions

Conversions Part 2

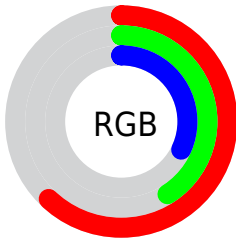
Format	Color
RYB	157, 113, 82
Decimal	10315858
CIELab	49.00, 18.64, 21.06
CIELCh	49, 28.122, 48.484
Yxy	17.5941, 0.4214, 0.3655
Android (android.graphics.Color)	4288505938 (0xFF9D6852)
YUV	117.3390, -17.4221, 34.7827
Hunter-Lab	41.9453, 12.9294, 14.8585

Details

The CIELCh color **49, 28.122, 48.484** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **53, 20.665, 236.389**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 28.213, 47.391**, and **29, 28.126, 47.807** is the 20% darker color. If you saturate the color by 10%, you get **46, 35.280, 48.324**, and if you desaturate by 10%, it is **52, 21.406, 48.776**.

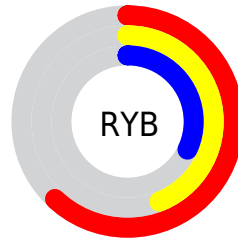
Distribution



Red (62%)

Green (41%)

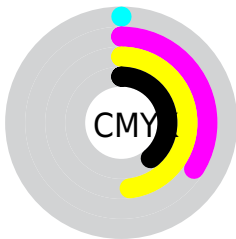
Blue (32%)



Red (62%)

Yellow (44%)

Blue (32%)

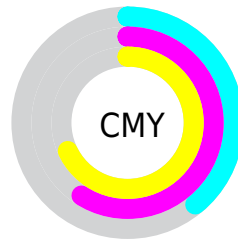


Cyan (0%)

Magenta (34%)

Yellow (48%)

Black (39%)



Cyan (39%)

Magenta (59%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 28.122, 48.484 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, 28.122, 48.484 by changing the saturation by 10% instead.

■ 49, 28.122, 48.484

■ 49, 28.122, 48.484

■ 100, 28.122,
48.484

■ 39, 28.122, 48.484

■ 69, 28.122, 48.484

■ 29, 28.122, 48.484

■ 79, 28.122, 48.484

■ 19, 28.122, 48.484

■ 89, 28.122, 48.484

■ 9, 28.122, 48.484

■ 99, 28.122, 48.484

■ 0, 28.122, 48.484

■ 49, 28.122, 48.484

■ 49, 28.122, 48.484

■ 46, 35.280, 48.324

■ 52, 21.406, 48.776

■ 43, 42.801, 48.269

■ 55, 15.152, 49.172

41, 50.473, 48.248

59, 9.345, 49.650

38, 57.812, 48.047

62, 3.954, 50.155

37, 64.179, 47.481

65, 1.060, 231.280

36, 65.641, 47.533

69, 5.737, 231.605

72, 10.114,
232.245

76, 14.227,
232.913

79, 18.109,
233.588

Harmonies

Complementary

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



49, 28.122, 48.484



53, 20.665, 236.389

Rectangle

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



49, 28.122, 48.484



49, 28.122, 98.484



49, 28.122, 228.484



49, 28.122, 278.484

Sweetspot

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



49, 28.121, 48.489



76, 8.974, 49.833



45, 41.692, 337.135



39, 6.228, 49.729



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



49, 28.121, 48.489



59, 43.147, 48.321



59, 33.491, 93.724



32, 2.890, 50.088



33, 61.038, 47.715



2, 3.680, 48.867

Inverse Universe

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



53, 20.665, 236.389



66, 29.250, 238.650



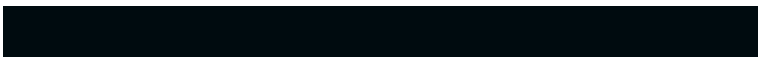
43, 35.471, 287.106



32, 2.752, 231.484



40, 31.193, 253.735



2, 3.663, 235.151

Previews

White Background



This preview shows how the CIELCh color 49, 28.122, 48.484 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, 28.122, 48.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

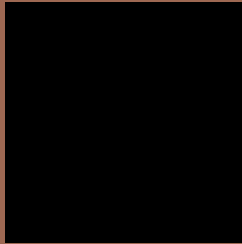
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 28.122, 48.484

Background



This preview shows how black text looks on a background with the CIELCh color 49, 28.122, 48.484.



This preview shows how white text looks on a background with the CIELCh color 49, 28.122, 48.484.

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, 28.122, 48.484

Protanopia

49, 17.807, 96.330

Deuteranopia

49, 22.896, 73.571



Tritanopia
49, 25.513, 12.475

Trichromacy



Original Color
49, 28.122, 48.484

Protanomaly
49, 19.593, 72.802

Deuteranomaly
49, 23.981, 62.868

Tritanomaly
49, 25.275, 26.476

Monochromacy



Original Color
49, 28.122, 48.484

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 9.409, 49.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 28.122, 48.484 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(157, 104, 82)` looks like.

```
.text, #text, p{  
    color:rgb(157, 104, 82)  
}
```

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(157, 104, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 104, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 28.122, 48.484 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(157, 104, 82) }
```

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

```
.border{ border-color:rgb(157, 104, 82) }
```

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

Here you see how a box with a 4 pixel rgb(157, 104, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 104, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 104, 82);  
box-shadow:4px 4px 4px 4px rgb(157, 104,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 28.122, 48.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 104, 82) }
```

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

```
.background{ background-color: rgb(157,  
104, 82) }
```

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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