

Converting Colors

CIELCh(49, 10.376, 81.292)

Have a look what the booklet for
CIELCh(49, 10.376, 81.292) contains.

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Color

CIELCh(49, 10.503, 82.073)

Conversions

Conversions Part 1

Format	Color
Hex	7E7363
RGB	126, 115, 99
RGB Percent	49%, 45%, 39%
CMY	0.5059, 0.5491, 0.6118
CMYK	0.00, 0.09, 0.21, 0.51
HSL	36°, 12%, 44%
HSV	36°, 21%, 49%
XYZ	16.9833, 17.5941, 14.3022
YIQ	116.4650, 11.6920, -2.6440

Conversions

Conversions Part 2

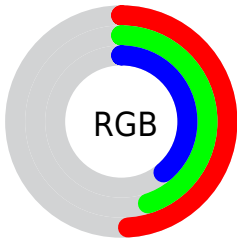
Format	Color
RYB	118, 126, 99
Decimal	8287075
CIELab	49.00, 1.45, 10.40
CIELCh	49, 10.503, 82.073
Yxy	17.5941, 0.3475, 0.3599
Android (android.graphics.Color)	4286477155 (0xFF7E7363)
YUV	116.4650, -8.6102, 8.3622
Hunter-Lab	41.9453, -1.1309, 9.1455

Details

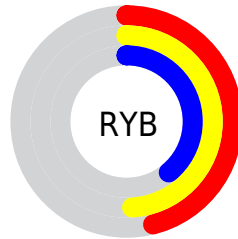
The CIELCh color **49, 10.503, 82.073** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **46, 10.249, 267.776**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 10.447, 82.070**, and **29, 10.805, 81.589** is the 20% darker color. If you saturate the color by 10%, you get **47, 15.640, 80.799**, and if you desaturate by 10%, it is **51, 5.516, 83.320**.

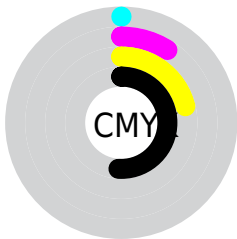
Distribution



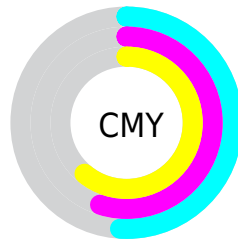
- Red (49%)
- Green (45%)
- Blue (39%)



- Red (46%)
- Yellow (49%)
- Blue (39%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 10.503, 82.073 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, 10.503, 82.073 by changing the saturation by 10% instead.

■ 49, 10.503, 82.073

■ 49, 10.503, 82.073

■ 100, 10.503,
82.073

■ 39, 10.503, 82.073

■ 69, 10.503, 82.073

■ 29, 10.503, 82.073

■ 79, 10.503, 82.073

■ 19, 10.503, 82.073

■ 89, 10.503, 82.073

■ 9, 10.503, 82.073

■ 99, 10.503, 82.073

■ 0, 10.503, 82.073

■ 49, 10.503, 82.073

■ 49, 10.503, 82.073

■ 47, 15.640, 80.799

■ 51, 5.516, 83.320

■ 46, 20.915, 79.481

■ 53, 0.675, 84.265

44, 26.295, 78.127

54, 4.027, 265.806

42, 31.705, 76.723

56, 8.600, 266.912

41, 36.991, 75.233

58, 13.057,
267.990

39, 41.872, 73.576

60, 17.407,
269.025

38, 45.891, 71.600

62, 21.662,
270.013

37, 49.070, 69.919

64, 25.831,
270.953

66, 29.921,
271.847

Harmonies

Complementary

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



49, 10.503, 82.073



46, 10.249, 267.776

Rectangle

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



49, 10.503, 82.073



49, 10.503, 132.073



49, 10.503, 262.073



49, 10.503, 312.073

Sweetspot

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



49, 10.504, 82.082



66, 3.546, 83.936



45, 13.029, 350.349



34, 2.343, 83.881



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



49, 10.504, 82.082



61, 15.872, 81.423



52, 15.561, 111.731



26, 2.736, 83.596



37, 49.496, 69.875



0, 0.000, 0.000

Inverse Universe

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



46, 10.249, 267.776



57, 15.384, 268.659



43, 16.312, 295.451



25, 2.715, 265.955



24, 49.901, 290.548



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 10.503, 82.073 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, 10.503, 82.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

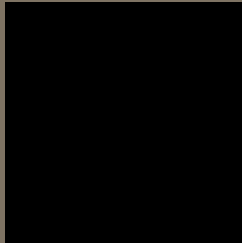
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 10.503, 82.073

Background



This preview shows how black text looks on a background with the CIELCh color 49, 10.503, 82.073.



This preview shows how white text looks on a background with the CIELCh color 49, 10.503, 82.073.

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, 10.503, 82.073

Protanopia

49, 9.693, 93.568

Deuteranopia

49, 11.921, 56.053



Tritanopia
49, 8.691, 343.112

Trichromacy



Original Color
49, 10.503, 82.073

Protanomaly
49, 9.816, 91.141

Deuteranomaly
49, 10.935, 63.765

Tritanomaly
49, 6.217, 20.075

Monochromacy



Original Color
49, 10.503, 82.073

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 3.869, 84.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 10.503, 82.073 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(126, 115, 99)` looks like.

```
.text, #text, p{  
    color:rgb(126, 115, 99)  
}
```

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(126, 115, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 115, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 10.503, 82.073 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(126, 115, 99) }
```

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

```
.border{ border-color:rgb(126, 115, 99) }
```

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

Here you see how a box with a 4 pixel rgb(126, 115, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 115, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 115, 99);  
box-shadow:4px 4px 4px 4px rgb(126, 115,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 10.503, 82.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 115, 99) }
```

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

```
.background{ background-color: rgb(126,  
115, 99) }
```

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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