

Converting Colors

CIELCh(49, 4.337, 41.288)

Have a look what the booklet for
CIELCh(49, 4.337, 41.288) contains.

CIELCh(49, 4.294, 35.566)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(49, 4.294, 35.566)

Conversions

Conversions Part 1

Format	Color
Hex	7C7270
RGB	124, 114, 112
RGB Percent	49%, 45%, 44%
CMY	0.5124, 0.5517, 0.5595
CMYK	0.00, 0.08, 0.10, 0.51
HSL	10°, 5%, 46%
HSV	10°, 10%, 49%
XYZ	17.3559, 17.5941, 17.9045
YIQ	116.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

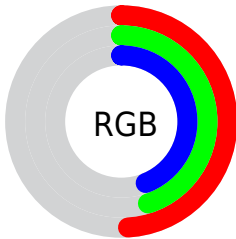
Format	Color
R_{YB}	124, 114, 112
Decimal	8155760
CIE Lab	49.00, 3.49, 2.50
CIE LCh	49, 4.294, 35.566
Yxy	17.5941, 0.3284, 0.3329
Android (android.graphics.Color)	4286345840 (0xFF7C7270)
YUV	116.7620, -2.3477, 6.3477
Hunter-Lab	41.9453, 0.4546, 4.0536

Details

The CIELCh color $49, 4.294, 35.566$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 4.048, 215.918$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 4.362, 34.166$, and $29, 4.324, 37.217$ is the 20% darker color. If you saturate the color by 10%, you get $46, 9.095, 35.700$, and if you desaturate by 10%, it is $52, 0.148, 218.331$.

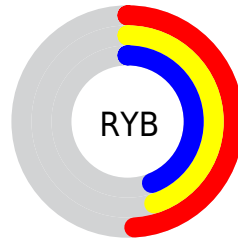
Distribution



Red (49%)

Green (45%)

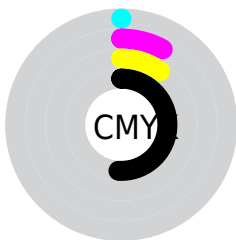
Blue (44%)



Red (49%)

Yellow (45%)

Blue (44%)

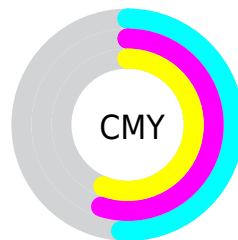


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (51%)



Cyan (51%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 4.294, 35.566 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, 4.294, 35.566 by changing the saturation by 10% instead.

■ 49, 4.294, 35.566 ■ 49, 4.294, 35.566

■ 100, 4.294, 35.566 ■ 39, 4.294, 35.566

■ 69, 4.294, 35.566 ■ 29, 4.294, 35.566

■ 79, 4.294, 35.566 ■ 19, 4.294, 35.566

■ 89, 4.294, 35.566 ■ 9, 4.294, 35.566

■ 99, 4.294, 35.566 ■ 0, 4.294, 35.566

■ 49, 4.294, 35.566 ■ 49, 4.294, 35.566

■ 46, 9.095, 35.700 ■ 52, 0.148, 218.331

■ 43, 14.285, 35.914 ■ 56, 4.262, 215.917

■ 40, 19.880, 36.289 ■ 59, 8.083, 216.044

37, 25.878, 36.871

62, 11.644,
216.240

34, 32.241, 37.697

66, 14.975,
216.473

32, 38.878, 38.783

29, 45.596, 40.077

69, 18.105,
216.729

28, 51.983, 41.355

72, 21.057,
216.999

26, 57.132, 42.087

75, 23.854,
217.278

79, 26.513,
217.561

Harmonies

Complementary

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



49, 4.294, 35.566



51, 4.048, 215.918

Rectangle

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



49, 4.294, 35.566



49, 4.294, 85.566



49, 4.294, 215.566



49, 4.294, 265.566

Sweetspot

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



49, 4.293, 35.587



65, 1.602, 35.399



49, 7.633, 329.922



34, 1.228, 35.453



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, 4.293, 35.587



61, 6.649, 35.613



51, 4.927, 89.945



24, 2.466, 35.580



26, 57.545, 42.145



54, 100.342, 42.176

Inverse Universe

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



51, 4.048, 215.918



64, 6.163, 215.948



49, 4.927, 272.364



25, 2.335, 215.914



40, 25.668, 227.134



78, 43.222, 229.024

Previews

White Background



This preview shows how the CIELCh color 49, 4.294, 35.566 looks on a white background.

Color Contrast Check

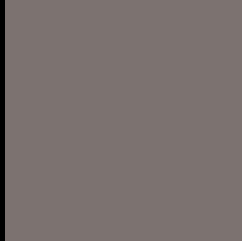
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.294, 35.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

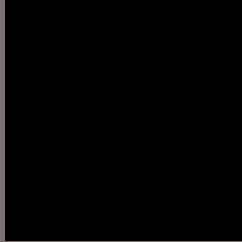
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 4.294, 35.566

Background



This preview shows how black text looks on a background with the CIELCh color 49, 4.294, 35.566.



This preview shows how white text looks on a background with the CIELCh color 49, 4.294, 35.566.

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, 4.294, 35.566

Protanopia

49, 2.131, 74.721

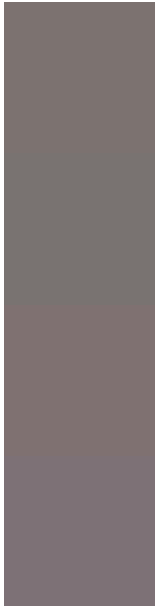
Deuteranopia

49, 6.640, 20.129



Tritanopia
49, 7.461, 335.247

Trichromacy



Original Color

49, 4.294, 35.566

Protanomaly

49, 2.719, 45.010

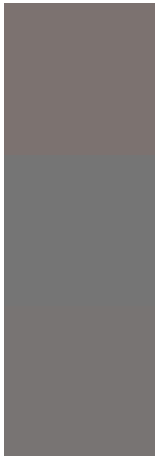
Deuteranomaly

49, 5.795, 20.021

Tritanomaly

49, 5.710, 349.171

Monochromacy



Original Color

49, 4.294, 35.566

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 1.725, 39.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 4.294, 35.566 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(124, 114, 112)` looks like.

```
.text, #text, p{  
    color:rgb(124, 114, 112)  
}
```

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(124, 114, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 114, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 4.294, 35.566 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(124, 114, 112) }
```

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

```
.border{ border-color:rgb(124, 114, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 114, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 114, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 114, 112);  
box-shadow:4px 4px 4px 4px rgb(124, 114,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 4.294, 35.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 114, 112) }
```

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

```
.background{ background-color: rgb(124,  
114, 112) }
```

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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