

Converting Colors

CIELCh(49, 5.371, 27.040)

Have a look what the booklet for
CIELCh(49, 5.371, 27.040) contains.

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Color

CIELCh(49, 5.110, 33.088)

Conversions

Conversions Part 1

Format	Color
Hex	7E7270
RGB	126, 114, 112
RGB Percent	49%, 45%, 44%
CMY	0.5064, 0.5535, 0.5613
CMYK	0.00, 0.10, 0.11, 0.51
HSL	9°, 6%, 47%
HSV	9°, 11%, 49%
XYZ	17.5010, 17.5941, 17.7617
YIQ	117.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

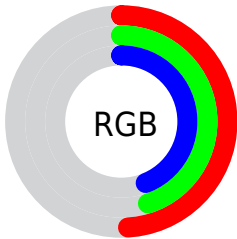
Format	Color
R_{YB}	126, 114, 112
Decimal	8286832
CIE Lab	49.00, 4.28, 2.79
CIE LCh	49, 5.110, 33.088
Yxy	17.5941, 0.3311, 0.3329
Android (android.graphics.Color)	4286476912 (0xFF7E7270)
YUV	117.3600, -2.6425, 7.5773
Hunter-Lab	41.9453, 1.0721, 4.2554

Details

The CIELCh color $49, 5.110, 33.088$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 4.769, 213.200$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 5.121, 32.051$, and $29, 5.229, 34.306$ is the 20% darker color. If you saturate the color by 10%, you get $46, 10.100, 33.341$, and if you desaturate by 10%, it is $52, 0.495, 32.304$.

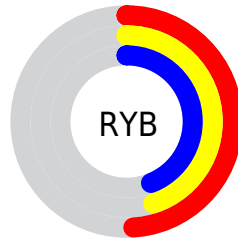
Distribution



Red (49%)

Green (45%)

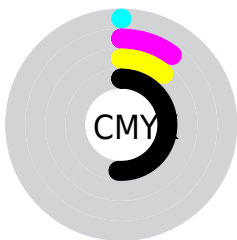
Blue (44%)



Red (49%)

Yellow (45%)

Blue (44%)

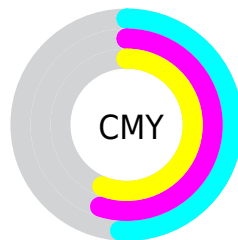


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (51%)



Cyan (51%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 5.110, 33.088 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, 5.110, 33.088 by changing the saturation by 10% instead.

 49, 5.110, 33.088  49, 5.110, 33.088

 100, 5.110, 33.088  39, 5.110, 33.088


 69, 5.110, 33.088  29, 5.110, 33.088

 79, 5.110, 33.088  19, 5.110, 33.088

 89, 5.110, 33.088  9, 5.110, 33.088

 99, 5.110, 33.088  0, 5.110, 33.088

 49, 5.110, 33.088  49, 5.110, 33.088

 46, 10.100, 33.341  52, 0.495, 32.304

 42, 15.492, 33.704  56, 3.777, 213.210

 39, 21.296, 34.252  59, 7.739, 213.228

36, 27.500, 35.035

63, 11.427,
213.331

34, 34.050, 36.097

66, 14.872,
213.479

31, 40.836, 37.455

29, 47.629, 39.040

70, 18.104,
213.655

27, 53.919, 40.539

73, 21.149,
213.850

26, 58.356, 41.424

76, 24.029,
214.057

80, 26.764,
214.273

Harmonies

Complementary

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



49, 5.110, 33.088



51, 4.769, 213.200

Rectangle

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



49, 5.110, 33.088



49, 5.110, 83.088



49, 5.110, 213.088



49, 5.110, 263.088

Sweetspot

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



49, 5.109, 33.105



66, 1.651, 32.820



49, 9.097, 328.914



34, 1.249, 32.880



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, 5.109, 33.105



62, 7.451, 33.151



51, 5.560, 86.992



25, 2.596, 33.063



27, 59.011, 41.486



0, 0.000, 0.000

Inverse Universe

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



51, 4.769, 213.200



65, 6.855, 213.206



49, 5.532, 269.826



26, 2.455, 213.204



42, 26.145, 222.220



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 49, 5.110, 33.088 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, 5.110, 33.088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

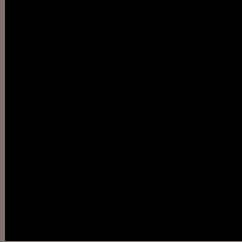
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 5.110, 33.088

Background



This preview shows how black text looks on a background with the CIELCh color 49, 5.110, 33.088.

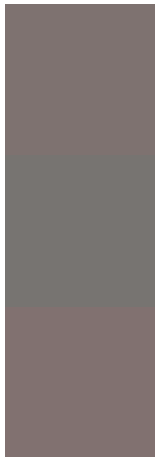


This preview shows how white text looks on a background with the CIELCh color 49, 5.110, 33.088.

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, 5.110, 33.088

Protanopia

49, 2.131, 74.721

Deuteranopia

49, 6.686, 25.118



Tritanopia
49, 8.062, 339.462

Trichromacy



Original Color

49, 5.110, 33.088

Protanomaly

49, 2.719, 45.010

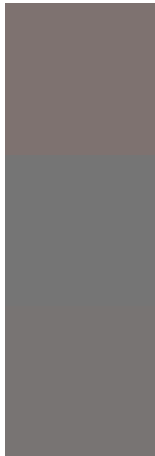
Deuteranomaly

49, 6.264, 25.407

Tritanomaly

49, 6.428, 353.067

Monochromacy



Original Color

49, 5.110, 33.088

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, 5.110, 33.088 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, 114, 112)` looks like.

```
.text, #text, p{  
    color:rgb(126, 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(126, 114, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 114, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 5.110, 33.088 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, 114, 112) }
```

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

```
.border{ border-color:rgb(126, 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(126, 114, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 114, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 114, 112);  
box-shadow:4px 4px 4px 4px rgb(126, 114,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 5.110, 33.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 114, 112) }
```

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

```
.background{ background-color: rgb(126,  
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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