

Converting Colors

CIELCh(49, 14.609, 49.024)

Have a look what the booklet for
CIELCh(49, 14.609, 49.024) contains.

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Color

CIELCh(49, 14.638, 49.034)

Conversions

Conversions Part 1

Format	Color
Hex	8B6E62
RGB	139, 110, 98
RGB Percent	55%, 43%, 38%
CMY	0.4540, 0.5678, 0.6148
CMYK	0.00, 0.21, 0.29, 0.45
HSL	18°, 17%, 47%
HSV	18°, 29%, 55%
XYZ	18.5006, 17.5941, 14.0294
YIQ	117.3030, 21.1360, 2.4160

Conversions

Conversions Part 2

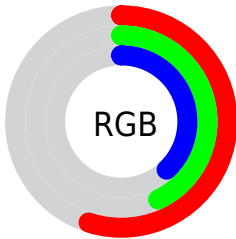
Format	Color
R_{YB}	139, 115, 98
Decimal	9137762
CIE Lab	49.00, 9.60, 11.05
CIE LCh	49, 14.638, 49.034
Yxy	17.5941, 0.3691, 0.3510
Android (android.graphics.Color)	4287327842 (0xFF8B6E62)
YUV	117.3030, -9.5164, 19.0283
Hunter-Lab	41.9453, 5.3258, 9.5310

Details

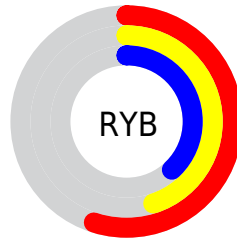
The CIELCh color $49, 14.638, 49.034$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $52, 12.306, 233.339$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 14.439, 49.620$, and $29, 14.520, 47.129$ is the 20% darker color. If you saturate the color by 10%, you get $46, 20.369, 48.666$, and if you desaturate by 10%, it is $52, 9.310, 49.503$.

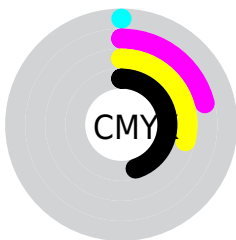
Distribution



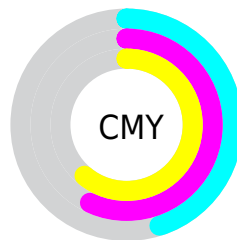
- Red (55%)
- Green (43%)
- Blue (38%)



- Red (55%)
- Yellow (45%)
- Blue (38%)



- Cyan (0%)
- Magenta (21%)
- Yellow (29%)
- Black (45%)



- Cyan (45%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 14.638, 49.034 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, 14.638, 49.034 by changing the saturation by 10% instead.

■ 49, 14.638, 49.034

■ 49, 14.638, 49.034

■ 100, 14.638,
49.034

■ 39, 14.638, 49.034

■ 69, 14.638, 49.034

■ 29, 14.638, 49.034

■ 79, 14.638, 49.034

■ 19, 14.638, 49.034

■ 89, 14.638, 49.034

■ 9, 14.638, 49.034

■ 99, 14.638, 49.034

■ 0, 14.638, 49.034

■ 49, 14.638, 49.034














■ 49, 14.638, 49.034

■ 46, 20.369, 48.666

■ 52, 9.310, 49.503

■ 43, 26.517, 48.400

■ 55, 4.360, 50.004

 41, 33.058, 48.255	 58, 0.244, 232.293
 38, 39.914, 48.214	 61, 4.538, 231.419
 36, 46.878, 48.196	 64, 8.558, 232.038
 34, 53.492, 47.975	 68, 12.335, 232.695
 32, 59.499, 47.693	 71, 15.898, 233.360
 32, 59.826, 47.703	 74, 19.275, 234.024
	 77, 22.487, 234.679

Harmonies

Complementary

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



49, 14.638, 49.034



52, 12.306, 233.339

Rectangle

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



49, 14.638, 49.034



49, 14.638, 99.034



49, 14.638, 229.034



49, 14.638, 279.034

Sweetspot

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



49, 14.637, 49.042



70, 5.136, 50.017



47, 23.686, 335.632



37, 3.614, 49.953



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



49, 14.637, 49.042



61, 22.073, 48.794



55, 18.737, 96.007



27, 2.575, 50.019



30, 57.481, 47.710



1, 1.160, 50.653

Inverse Universe

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



52, 12.306, 233.339



64, 17.775, 234.183



46, 19.285, 283.420



28, 2.455, 231.387



37, 29.447, 253.234



1, 1.161, 230.672

Previews

White Background



This preview shows how the CIELCh color 49, 14.638, 49.034 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, 14.638, 49.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

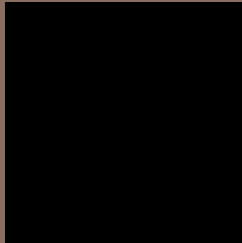
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 14.638, 49.034

Background



This preview shows how black text looks on a background with the CIELCh color 49, 14.638, 49.034.

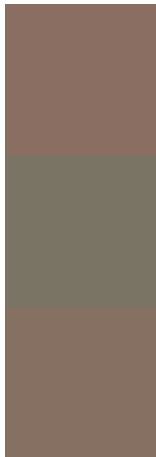


This preview shows how white text looks on a background with the CIELCh color 49, 14.638, 49.034.

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, 14.638, 49.034

Protanopia

49, 9.129, 92.721

Deuteranopia

49, 12.704, 60.014



Tritanopia
49, 14.444, 2.444

Trichromacy



Original Color
49, 14.638, 49.034

Protanomaly
49, 10.202, 72.811

Deuteranomaly
49, 13.417, 54.637

Tritanomaly
49, 13.123, 18.451

Monochromacy



Original Color
49, 14.638, 49.034

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 5.135, 46.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 14.638, 49.034 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(139, 110, 98)` looks like.

```
.text, #text, p{  
    color:rgb(139, 110, 98)  
}
```

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(139, 110, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 110, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 14.638, 49.034 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(139, 110, 98) }
```

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

```
.border{ border-color:rgb(139, 110, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 110, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 110, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 110, 98);  
box-shadow:4px 4px 4px 4px rgb(139, 110,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 14.638, 49.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 110, 98) }
```

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

```
.background{ background-color: rgb(139,  
110, 98) }
```

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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