

Converting Colors

CIELCh(49, 26.936, 48.350)

Have a look what the booklet for
CIELCh(49, 26.936, 48.350) contains.

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Color

CIELCh(49, 26.936, 48.350)

Conversions

Conversions Part 1

Format	Color
Hex	9B6853
RGB	155, 104, 83
RGB Percent	61%, 41%, 33%
CMY	0.3908, 0.5909, 0.6733
CMYK	0.00, 0.33, 0.46, 0.39
HSL	18°, 30%, 47%
HSV	18°, 46%, 61%
XYZ	20.1372, 17.5941, 10.5782
YIQ	116.8550, 37.1370, 4.2810

Conversions

Conversions Part 2

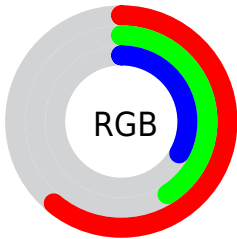
Format	Color
R_{YB}	155, 113, 83
Decimal	10184787
CIE Lab	49.00, 17.90, 20.13
CIE LCh	49, 26.936, 48.350
Yxy	17.5941, 0.4168, 0.3642
Android (android.graphics.Color)	4288374867 (0xFF9B6853)
YUV	116.8550, -16.6905, 33.4532
Hunter-Lab	41.9453, 12.2904, 14.4094

Details

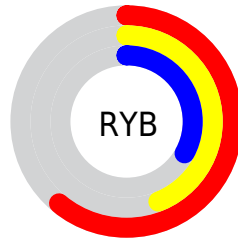
The CIELCh color **49, 26.936, 48.350** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **53, 20.000, 235.851**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 26.744, 47.591**, and **29, 26.798, 47.619** is the 20% darker color. If you saturate the color by 10%, you get **46, 33.986, 48.184**, and if you desaturate by 10%, it is **52, 20.331, 48.648**.

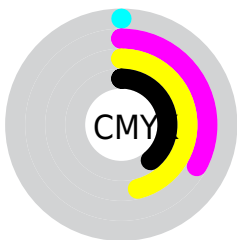
Distribution



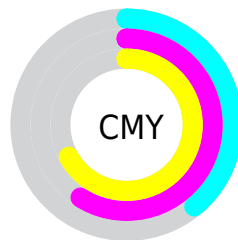
- Red (61%)
- Green (41%)
- Blue (33%)



- Red (61%)
- Yellow (44%)
- Blue (33%)



- Cyan (0%)
- Magenta (33%)
- Yellow (46%)
- Black (39%)



- Cyan (39%)
- Magenta (59%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 26.936, 48.350 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, 26.936, 48.350 by changing the saturation by 10% instead.

■ 49, 26.936, 48.350

■ 49, 26.936, 48.350

■ 100, 26.936,
48.350

■ 39, 26.936, 48.350

■ 69, 26.936, 48.350

■ 29, 26.936, 48.350

■ 79, 26.936, 48.350

■ 19, 26.936, 48.350

■ 89, 26.936, 48.350

■ 9, 26.936, 48.350

■ 99, 26.936, 48.350

■ 0, 26.936, 48.350

■ 49, 26.936, 48.350

■ 49, 26.936, 48.350

■ 46, 33.986, 48.184

■ 52, 20.331, 48.648

■ 43, 41.416, 48.129

■ 55, 14.184, 49.049

41, 49.041, 48.128

59, 8.478, 49.527

38, 56.434, 47.996

62, 3.180, 50.011

36, 62.860, 47.430

65, 1.748, 231.002

36, 65.258, 47.477

69, 6.346, 231.475

72, 10.651,
232.115

76, 14.699,
232.779

79, 18.522,
233.448

Harmonies

Complementary

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



49, 26.936, 48.350



53, 20.000, 235.851

Rectangle

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



49, 26.936, 48.350



49, 26.936, 98.350



49, 26.936, 228.350



49, 26.936, 278.350

Sweetspot

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



49, 26.935, 48.355



75, 8.886, 49.634



46, 40.234, 337.008



39, 6.230, 49.531



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, 26.935, 48.355



59, 41.826, 48.177



58, 32.258, 93.909



31, 2.813, 49.887



32, 60.210, 47.645



1, 2.953, 49.919

Inverse Universe

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



53, 20.000, 235.851



65, 28.559, 238.126



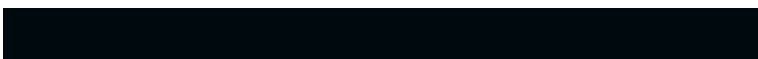
43, 34.068, 286.775



31, 2.679, 231.264



39, 30.691, 253.325



2, 2.947, 232.013

Previews

White Background



This preview shows how the CIELCh color 49, 26.936, 48.350 looks on a white background.

Color Contrast Check

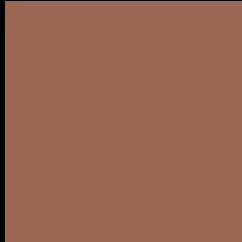
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.936, 48.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

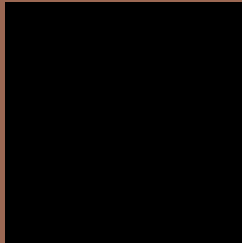
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 26.936, 48.350

Background



This preview shows how black text looks on a background with the CIELCh color 49, 26.936, 48.350.



This preview shows how white text looks on a background with the CIELCh color 49, 26.936, 48.350.

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, 26.936, 48.350

Protanopia

49, 16.676, 95.756

Deuteranopia

49, 21.629, 73.117



Tritanopia
49, 24.181, 13.051

Trichromacy



Original Color
49, 26.936, 48.350

Protanomaly
49, 18.332, 72.130

Deuteranomaly
49, 23.193, 62.749

Tritanomaly
49, 23.882, 26.508

Monochromacy



Original Color
49, 26.936, 48.350

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 9.104, 46.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 26.936, 48.350 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(155, 104, 83)` looks like.

```
.text, #text, p{  
    color:rgb(155, 104, 83)  
}
```

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(155, 104, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 104, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 26.936, 48.350 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(155, 104, 83) }
```

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

```
.border{ border-color:rgb(155, 104, 83) }
```

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

Here you see how a box with a 4 pixel rgb(155, 104, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 104, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 104, 83);  
box-shadow:4px 4px 4px 4px rgb(155, 104,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 26.936, 48.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 104, 83) }
```

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

```
.background{ background-color: rgb(155,  
104, 83) }
```

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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