

Converting Colors

CIELCh(49, 16.945, 14.115)

Have a look what the booklet for
CIELCh(49, 16.945, 14.115) contains.

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Color

CIELCh(49, 17.094, 13.783)

Conversions

Conversions Part 1

Format	Color
Hex	926A6E
RGB	146, 106, 110
RGB Percent	57%, 42%, 43%
CMY	0.4268, 0.5837, 0.5680
CMYK	0.00, 0.27, 0.25, 0.43
HSL	354°, 16%, 49%
HSV	354°, 27%, 57%
XYZ	19.8750, 17.5941, 17.1434
YIQ	118.4160, 22.5560, 9.7240

Conversions

Conversions Part 2

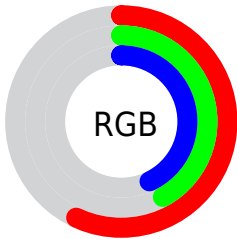
Format	Color
R_{YB}	146, 106, 110
Decimal	9595502
CIE _{Lab}	49.00, 16.60, 4.07
CIE _{LCh}	49, 17.094, 13.783
Yxy	17.5941, 0.3639, 0.3222
Android (android.graphics.Color)	4287785582 (0xFF926A6E)
YUV	118.4160, -4.1491, 24.1912
Hunter-Lab	41.9453, 11.1747, 5.1293

Details

The CIELCh color **49, 17.094, 13.783** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **58, 14.787, 189.116**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 17.012, 15.494**, and **29, 17.074, 12.088** is the 20% darker color. If you saturate the color by 10%, you get **45, 23.990, 15.203**, and if you desaturate by 10%, it is **53, 10.522, 12.636**.

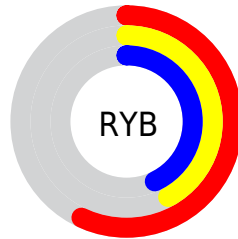
Distribution



Red (57%)

Green (42%)

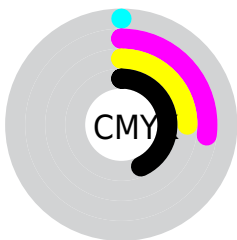
Blue (43%)



Red (57%)

Yellow (42%)

Blue (43%)

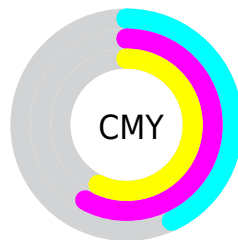


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (43%)



Cyan (43%)

Magenta (58%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 17.094, 13.783 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, 17.094, 13.783 by changing the saturation by 10% instead.

■ 49, 17.094, 13.783

■ 49, 17.094, 13.783

■ 100, 17.094,
13.783

■ 39, 17.094, 13.783

■ 69, 17.094, 13.783

■ 29, 17.094, 13.783

■ 79, 17.094, 13.783

■ 19, 17.094, 13.783

■ 89, 17.094, 13.783

■ 9, 17.094, 13.783

■ 99, 17.094, 13.783

■ 0, 17.094, 13.783

■ 49, 17.094, 13.783

■ 49, 17.094, 13.783

■ 45, 23.990, 15.203

■ 53, 10.522, 12.636

■ 41, 31.117, 16.974

■ 57, 4.325, 11.647

38, 38.315, 19.214

62, 1.490, 191.255

35, 45.369, 22.046

66, 6.938, 190.375

33, 52.044, 25.560

71, 12.043,
189.787

31, 58.129, 29.715

75, 16.837,
189.289

30, 63.488, 34.034

30, 64.845, 34.969

79, 21.353,
188.856

84, 25.619,
188.473

88, 29.665,
188.132

Harmonies

Complementary

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



49, 17.094, 13.783



58, 14.787, 189.116

Rectangle

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



49, 17.094, 13.783



49, 17.094, 63.783



49, 17.094, 193.783



49, 17.094, 243.783

Sweetspot

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



49, 17.092, 13.788



73, 5.860, 11.725



50, 27.083, 322.997



38, 4.216, 11.860



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



49, 17.092, 13.788



60, 26.122, 14.646



53, 13.949, 61.200



29, 3.367, 11.825



28, 61.892, 34.685



1, 2.863, 11.154

Inverse Universe

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



49, 17.092, 13.788



60, 26.122, 14.646



53, 12.387, 247.457



29, 3.367, 11.825



28, 61.892, 34.685



1, 2.863, 11.154

Previews

White Background



This preview shows how the CIELCh color 49, 17.094, 13.783 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, 17.094, 13.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

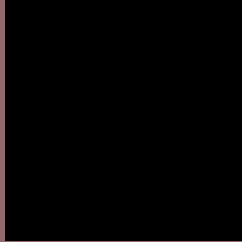
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 17.094, 13.783

Background



This preview shows how black text looks on a background with the CIELCh color 49, 17.094, 13.783.



This preview shows how white text looks on a background with the CIELCh color 49, 17.094, 13.783.

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, 17.094, 13.783

Protanopia

49, 1.217, 19.240

Deuteranopia

49, 7.943, 37.229



Tritanopia
49, 17.746, 6.556

Trichromacy



Original Color
49, 17.094, 13.783

Protanomaly
49, 7.129, 10.791

Deuteranomaly
49, 11.087, 26.664

Tritanomaly
49, 17.660, 8.405

Monochromacy



Original Color
49, 17.094, 13.783

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 6.281, 9.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 17.094, 13.783 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(146, 106, 110)` looks like.

```
.text, #text, p{  
    color:rgb(146, 106, 110)  
}
```

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(146, 106, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 106, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 17.094, 13.783 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(146, 106, 110) }
```

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

```
.border{ border-color:rgb(146, 106, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 106, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 106, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 106, 110);  
box-shadow:4px 4px 4px 4px rgb(146, 106,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 17.094, 13.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 106, 110) }
```

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

```
.background{ background-color: rgb(146,  
106, 110) }
```

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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