

Converting Colors

CIELCh(49, 31.814, 17.661)

Have a look what the booklet for
CIELCh(49, 31.814, 17.661) contains.

CIELCh(49, 32.246, 17.811)	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, 32.246, 17.811)

Conversions

Conversions Part 1

Format	Color
Hex	A95F65
RGB	169, 95, 101
RGB Percent	66%, 37%, 40%
CMY	0.3368, 0.6270, 0.6035
CMYK	0.00, 0.44, 0.40, 0.34
HSL	355°, 30%, 52%
HSV	355°, 44%, 66%
XYZ	22.8443, 17.5941, 14.5310
YIQ	117.8100, 42.1780, 17.5540

Conversions

Conversions Part 2

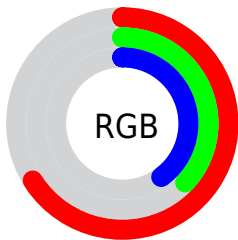
Format	Color
R_{YB}	169, 95, 101
Decimal	11100005
CIE Lab	49.00, 30.70, 9.86
CIE LCh	49, 32.246, 17.811
Yxy	17.5941, 0.4156, 0.3201
Android (android.graphics.Color)	4289290085 (0xFFA95F65)
YUV	117.8100, -8.2873, 44.8936
Hunter-Lab	41.9453, 23.8105, 8.8221

Details

The CIELCh color **49, 32.246, 17.811** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **65, 24.882, 189.537**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 31.967, 17.798**, and **29, 32.399, 18.097** is the 20% darker color. If you saturate the color by 10%, you get **45, 40.446, 19.907**, and if you desaturate by 10%, it is **53, 24.222, 16.167**.

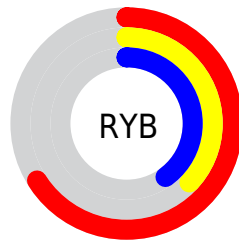
Distribution



Red (66%)

Green (37%)

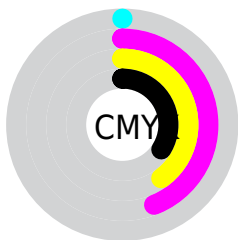
Blue (40%)



Red (66%)

Yellow (37%)

Blue (40%)

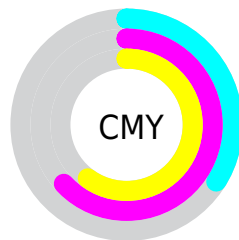


Cyan (0%)

Magenta (44%)

Yellow (40%)

Black (34%)



Cyan (34%)

Magenta (63%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 32.246, 17.811 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, 32.246, 17.811 by changing the saturation by 10% instead.

■ 49, 32.246, 17.811

■ 49, 32.246, 17.811

■ 100, 32.246,
17.811

■ 39, 32.246, 17.811

■ 69, 32.246, 17.811

■ 29, 32.246, 17.811

■ 79, 32.246, 17.811

■ 19, 32.246, 17.811

■ 89, 32.246, 17.811

■ 9, 32.246, 17.811

■ 99, 32.246, 17.811

■ 0, 32.246, 17.811

■ 49, 32.246, 17.811

■ 49, 32.246, 17.811

■ 45, 40.446, 19.907

■ 53, 24.222, 16.167

■ 42, 48.603, 22.568

■ 58, 16.534, 14.857

39, 56.445, 25.898

63, 9.266, 13.788

37, 63.699, 29.881

67, 2.449, 12.792

35, 70.038, 34.196

72, 3.923, 192.401

35, 73.466, 36.488

77, 9.874, 191.734

82, 15.441,
191.209

87, 20.662,
190.764

92, 25.574,
190.377

Harmonies

Complementary

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



49, 32.246, 17.811



65, 24.882, 189.537

Rectangle

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



49, 32.246, 17.811



49, 32.246, 67.811



49, 32.246, 197.811



49, 32.246, 247.811

Sweetspot

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



49, 32.244, 17.814



80, 10.796, 13.737



51, 48.544, 324.240



41, 7.597, 13.947



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



49, 32.244, 17.814



58, 49.277, 19.951



56, 26.523, 61.412



33, 3.739, 13.360



30, 66.185, 35.997



1, 6.615, 13.625

Inverse Universe

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



49, 32.244, 17.814



58, 49.277, 19.951



56, 21.889, 252.967



33, 3.739, 13.360



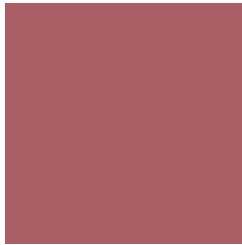
30, 66.185, 35.997



1, 6.615, 13.625

Previews

White Background



This preview shows how the CIELCh color 49, 32.246, 17.811 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, 32.246, 17.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

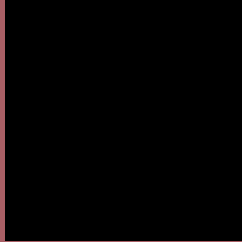
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 32.246, 17.811

Background



This preview shows how black text looks on a background with the CIELCh color 49, 32.246, 17.811.

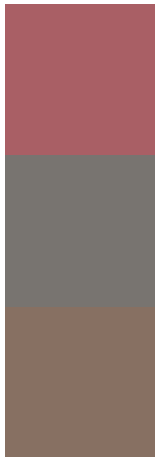


This preview shows how white text looks on a background with the CIELCh color 49, 32.246, 17.811.

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, 32.246, 17.811

Protanopia

49, 2.848, 74.561

Deuteranopia

49, 13.051, 58.778



Tritanopia
49, 32.192, 16.790

Trichromacy



Original Color
49, 32.246, 17.811

Protanomaly
49, 12.746, 20.931

Deuteranomaly
49, 18.569, 34.056

Tritanomaly
49, 32.192, 16.790

Monochromacy



Original Color
49, 32.246, 17.811

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 11.379, 14.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 32.246, 17.811 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(169, 95, 101)` looks like.

```
.text, #text, p{  
    color:rgb(169, 95, 101)  
}
```

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(169, 95, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 95, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 32.246, 17.811 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(169, 95, 101) }
```

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

```
.border{ border-color:rgb(169, 95, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 95, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 95, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 95, 101);  
box-shadow:4px 4px 4px 4px rgb(169, 95,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 32.246, 17.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 95, 101) }
```

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

```
.background{ background-color: rgb(169, 95,  
101) }
```

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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