

Converting Colors

CIELCh(49, 15.182, 12.634)

Have a look what the booklet for
CIELCh(49, 15.182, 12.634) contains.

CIELCh(49, 15.352, 12.638)	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, 15.352, 12.638)

Conversions

Conversions Part 1

Format	Color
Hex	8F6B6F
RGB	143, 107, 111
RGB Percent	56%, 42%, 44%
CMY	0.4380, 0.5793, 0.5636
CMYK	0.00, 0.25, 0.22, 0.44
HSL	353°, 14%, 49%
HSV	353°, 25%, 56%
XYZ	19.5509, 17.5941, 17.4856
YIQ	118.2200, 20.1720, 8.8760

Conversions

Conversions Part 2

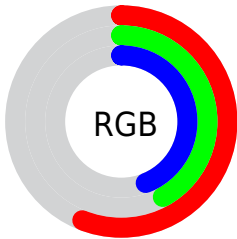
Format	Color
R_{YB}	143, 107, 111
Decimal	9399151
CIE _{Lab}	49.00, 14.98, 3.36
CIE _{LCh}	49, 15.352, 12.638
Yxy	17.5941, 0.3579, 0.3221
Android (android.graphics.Color)	4287589231 (0xFF8F6B6F)
YUV	118.2200, -3.5595, 21.7321
Hunter-Lab	41.9453, 9.7957, 4.6457

Details

The CIELCh color $49, 15.352, 12.638$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $57, 13.505, 188.342$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 15.023, 12.469$, and $29, 15.609, 13.072$ is the 20% darker color. If you saturate the color by 10%, you get $45, 22.055, 13.999$, and if you desaturate by 10%, it is $53, 8.969, 11.527$.

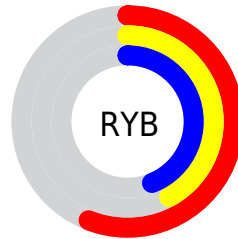
Distribution



Red (56%)

Green (42%)

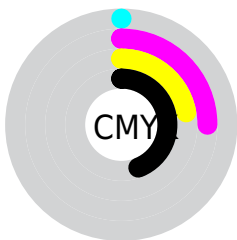
Blue (44%)



Red (56%)

Yellow (42%)

Blue (44%)

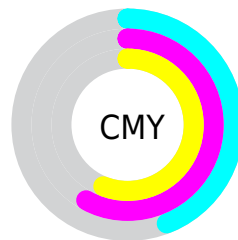


Cyan (0%)

Magenta (25%)

Yellow (22%)

Black (44%)



Cyan (44%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 15.352, 12.638 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, 15.352, 12.638 by changing the saturation by 10% instead.

■ 49, 15.352, 12.638

■ 49, 15.352, 12.638

■ 100, 15.352,
12.638

■ 39, 15.352, 12.638

■ 69, 15.352, 12.638

■ 29, 15.352, 12.638

■ 79, 15.352, 12.638

■ 19, 15.352, 12.638

■ 89, 15.352, 12.638

■ 9, 15.352, 12.638

■ 99, 15.352, 12.638

■ 0, 15.352, 12.638

■ 49, 15.352, 12.638

■ 49, 15.352, 12.638

■ 45, 22.055, 13.999

■ 53, 8.969, 11.527

■ 41, 28.999, 15.686

■ 57, 2.949, 10.526

38, 36.034, 17.810

62, 2.705, 190.061

35, 42.960, 20.496

66, 8.008, 189.311

33, 49.545, 23.852

70, 12.985,
188.732

31, 55.583, 27.896

75, 17.667,
188.234

30, 60.920, 32.369

29, 63.413, 34.257

79, 22.083,
187.798

83, 26.263,
187.410

88, 30.234,
187.063

Harmonies

Complementary

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



49, 15.352, 12.638



57, 13.505, 188.342

Rectangle

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



49, 15.352, 12.638



49, 15.352, 62.638



49, 15.352, 192.638



49, 15.352, 242.638

Sweetspot

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



49, 15.350, 12.643



71, 5.744, 10.838



50, 24.355, 322.399



37, 4.132, 10.974



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



49, 15.350, 12.643



60, 23.038, 13.353



53, 12.484, 59.524



28, 3.276, 10.936



27, 60.585, 33.973



0, 2.153, 10.255

Inverse Universe

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



49, 15.350, 12.643



60, 23.038, 13.353



53, 11.136, 244.940



28, 3.276, 10.936



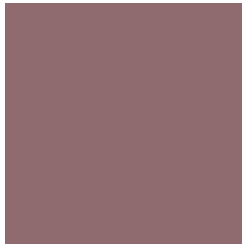
27, 60.585, 33.973



0, 2.153, 10.255

Previews

White Background



This preview shows how the CIELCh color 49, 15.352, 12.638 looks on a white background.

Color Contrast Check

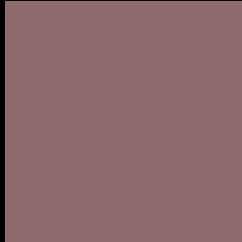
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.352, 12.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

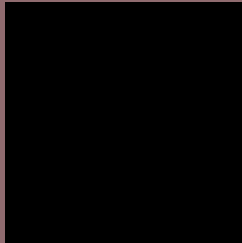
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 15.352, 12.638

Background



This preview shows how black text looks on a background with the CIELCh color 49, 15.352, 12.638.



This preview shows how white text looks on a background with the CIELCh color 49, 15.352, 12.638.

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, 15.352, 12.638

Protanopia

49, 1.217, 19.240

Deuteranopia

49, 7.347, 33.905



Tritanopia
49, 16.081, 4.678

Trichromacy



Original Color
49, 15.352, 12.638

Protanomaly
49, 6.227, 14.710

Deuteranomaly
49, 10.137, 23.847

Tritanomaly
49, 15.973, 6.709

Monochromacy



Original Color
49, 15.352, 12.638

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 5.374, 13.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 15.352, 12.638 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(143, 107, 111)` looks like.

```
.text, #text, p{  
    color:rgb(143, 107, 111)  
}
```

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(143, 107, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 107, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 15.352, 12.638 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(143, 107, 111) }
```

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

```
.border{ border-color:rgb(143, 107, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 107, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 107, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 107, 111);  
box-shadow:4px 4px 4px 4px rgb(143, 107,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 15.352, 12.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 107, 111) }
```

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

```
.background{ background-color: rgb(143,  
107, 111) }
```

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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