

Converting Colors

CIELCh(49, 15.261, 17.368)

Have a look what the booklet for
CIELCh(49, 15.261, 17.368) contains.

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Color

CIELCh(49, 15.329, 16.964)

Conversions

Conversions Part 1

Format	Color
Hex	8F6B6D
RGB	143, 107, 109
RGB Percent	56%, 42%, 43%
CMY	0.4375, 0.5788, 0.5709
CMYK	0.00, 0.25, 0.24, 0.44
HSL	357°, 14%, 49%
HSV	357°, 25%, 56%
XYZ	19.4878, 17.5941, 16.9537
YIQ	117.9920, 20.8140, 8.2540

Conversions

Conversions Part 2

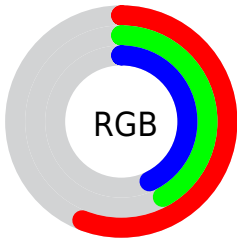
Format	Color
R_{YB}	143, 107, 109
Decimal	9399149
CIE _{Lab}	49.00, 14.66, 4.47
CIE _{LCh}	49, 15.329, 16.964
Yxy	17.5941, 0.3606, 0.3256
Android (android.graphics.Color)	4287589229 (0xFF8F6B6D)
YUV	117.9920, -4.4331, 21.9320
Hunter-Lab	41.9453, 9.5270, 5.3976

Details

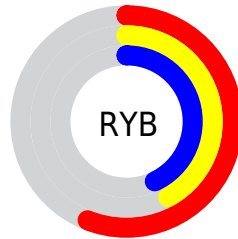
The CIELCh color $49, 15.329, 16.964$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $57, 13.247, 193.192$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 14.984, 18.686$, and $29, 15.609, 15.397$ is the 20% darker color. If you saturate the color by 10%, you get $45, 22.124, 18.250$, and if you desaturate by 10%, it is $53, 8.916, 15.937$.

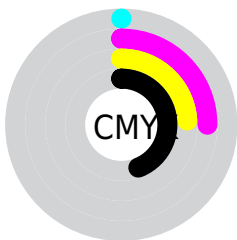
Distribution



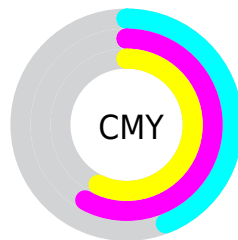
- Red (56%)
- Green (42%)
- Blue (43%)



- Red (56%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (25%)
- Yellow (24%)
- Black (44%)



- Cyan (44%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 15.329, 16.964 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, 15.329, 16.964 by changing the saturation by 10% instead.

■ 49, 15.329, 16.964

■ 49, 15.329, 16.964

■ 100, 15.329,
16.964

■ 39, 15.329, 16.964

■ 69, 15.329, 16.964

■ 29, 15.329, 16.964

■ 79, 15.329, 16.964

■ 19, 15.329, 16.964

■ 89, 15.329, 16.964

■ 9, 15.329, 16.964

■ 99, 15.329, 16.964

■ 0, 15.329, 16.964

■ 49, 15.329, 16.964

■ 49, 15.329, 16.964

■ 45, 22.124, 18.250

■ 53, 8.916, 15.937

■ 41, 29.237, 19.870

■ 57, 2.914, 15.021

38, 36.534, 21.935

62, 2.685, 194.657

35, 43.826, 24.557

66, 7.905, 193.998

32, 50.879, 27.813

70, 12.778,
193.510

31, 57.430, 31.639

75, 17.340,
193.104

30, 63.105, 35.599

29, 65.458, 36.947

79, 21.626,
192.756

84, 25.667,
192.454

88, 29.493,
192.190

Harmonies

Complementary

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



49, 15.329, 16.964



57, 13.247, 193.192

Rectangle

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



49, 15.329, 16.964



49, 15.329, 66.964



49, 15.329, 196.964



49, 15.329, 246.964

Sweetspot

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



49, 15.327, 16.970



71, 5.698, 15.309



50, 24.686, 323.863



37, 4.101, 15.433



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, 15.327, 16.970



60, 23.057, 17.639



53, 12.609, 65.161



28, 3.251, 15.399



27, 62.389, 36.571



0, 2.130, 14.803

Inverse Universe

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



49, 15.327, 16.970



60, 23.057, 17.639



52, 11.480, 251.269



28, 3.251, 15.399



27, 62.389, 36.571



0, 2.130, 14.803

Previews

White Background



This preview shows how the CIELCh color 49, 15.329, 16.964 looks on a white background.

Color Contrast Check

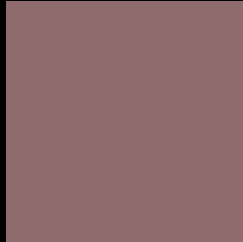
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.329, 16.964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 49, 15.329, 16.964

Background



This preview shows how black text looks on a background with the CIELCh color 49, 15.329, 16.964.



This preview shows how white text looks on a background with the CIELCh color 49, 15.329, 16.964.

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, 15.329, 16.964

Protanopia

49, 1.683, 63.310

Deuteranopia

49, 8.160, 41.063



Tritanopia
49, 16.081, 4.678

Trichromacy



Original Color
49, 15.329, 16.964

Protanomaly
49, 6.264, 25.407

Deuteranomaly
49, 10.655, 26.860

Tritanomaly
49, 15.886, 8.766

Monochromacy



Original Color
49, 15.329, 16.964

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 5.383, 13.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 15.329, 16.964 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, 109)` looks like.

```
.text, #text, p{  
    color:rgb(143, 107, 109)  
}
```

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, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 107, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 15.329, 16.964 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, 109) }
```

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

```
.border{ border-color:rgb(143, 107, 109) }
```

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, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 107, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 107, 109);  
box-shadow:4px 4px 4px 4px rgb(143, 107,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 15.329, 16.964 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, 109) }
```

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

```
.background{ background-color: rgb(143,  
107, 109) }
```

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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