Converting Colors

CIELCh(48, 18.367, 359.126)

Have a look what the booklet for CIELCh(48, 18.367, 359.126) contains.

Color

CIELCh(48, 18.364, 359.472)

Conversions

Conversions Part 1

Format	Color
Hex	906773
RGB	144, 103, 115
RGB Percent	56%, 40%, 45%
CMY	0.4363, 0.5970, 0.5499
CMYK	0.00, 0.29, 0.20, 0.44
HSL	342°, 17%, 48%
HSV	342°, 29%, 56%
XYZ	19.3673, 16.7945, 18.3706
YIQ	116.6270, 20.5840, 12.4240

Conversions

Conversions Part 2

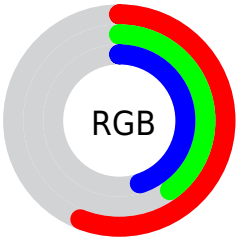
Format	Color
RYB	144, 103, 115
Decimal	9463667
CIELab	48.00, 18.36, -0.17
CIELCh	48, 18.364, 359.472
Yxy	16.7945, 0.3552, 0.3080
Android (android.graphics.Color)	4287653747 (0xFF906773)
YUV	116.6270, -0.8021, 24.0061
Hunter-Lab	40.9810, 12.6407, 2.1088

Details

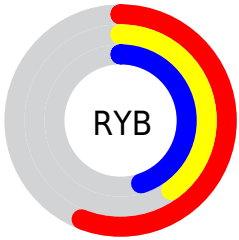
The CIELCh color 48, 18.364, 359.472 is a dark color, and the websafe version is hex 996666. A complement of this color would be 56, 16.887, 173.771, and the grayscale version is 49, 0.007, 296.813.

A 20% lighter version of the original color is 68, 18.435, 358.560, and 28, 18.775, 359.334 is the 20% darker color. If you saturate the color by 10%, you get 44, 25.107, 0.911, and if you desaturate by 10%, it is 52, 11.722, 358.256.

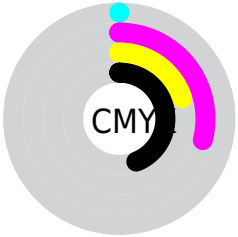
Distribution



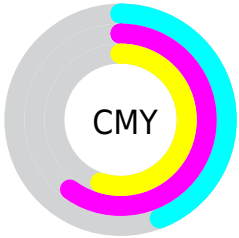
- Red (56%)
- Green (40%)
- Blue (45%)



- Red (56%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (29%)
- Yellow (20%)
- Black (44%)



- Cyan (44%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 18.364, 359.472 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 48, 18.364, 359.472 by changing the saturation by 10% instead.

48, 18.364, 359.472

48, 18.364, 359.472

100, 18.364, 359.472

38, 18.364, 359.472

68, 18.364, 359.472

28, 18.364, 359.472

78, 18.364, 359.472

18, 18.364, 359.472

88, 18.364, 359.472

8, 18.364, 359.472

0, 18.364, 359.472

98, 18.364, 359.472

48, 18.364,

48, 18.364,

359.472

44, 25.107, 0.911

41, 31.801, 2.641

37, 38.218, 4.771

35, 44.082, 7.434

32, 49.119, 10.789

31, 53.167, 14.975

30, 56.509, 19.816

30, 57.041, 20.508

359.472

52, 11.722, 358.256

56, 5.284, 357.179

60, 0.903, 176.760

65, 6.818, 175.595

69, 12.462, 174.852

73, 17.847, 174.194

77, 22.989, 173.600

82, 27.909, 173.057

86, 32.627,

172.559

Harmonies

Complementary

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

48, 18.364, 359.472

56, 16.887, 173.771

Rectangle

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

48, 18.364, 359.472

48, 18.364, 49.472

48, 18.364, 179.472

48, 18.364, 229.472

Sweetspot

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

48, 18.362, 359.475

71, 6.912, 357.250

48, 26.539, 316.916

37, 4.854, 357.389

88, 0.010, 296.813

40, 0.006, 296.813

Same Dimension

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

48, 18.362, 359.475

59, 27.263, 0.334

50, 15.097, 39.195

28, 3.492, 357.249

28, 54.441, 20.152

0, 2.316, 356.465

Inverse Universe

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

48, 18.362, 359.475

59, 27.263, 0.334

54, 12.491, 220.706

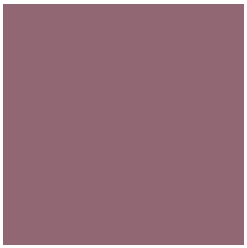
28, 3.492, 357.249

28, 54.441, 20.152

0, 2.316, 356.465

Previews

White Background

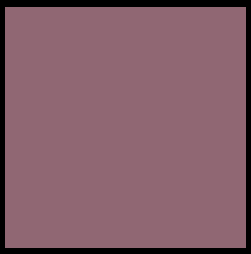


This preview shows how the CIELCh color 48, 18.364, 359.472 looks on a white background.

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



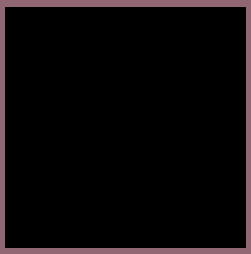
This preview shows how the CIELCh color 48, 18.364, 359.472 looks on a black background.

Color Contrast Check

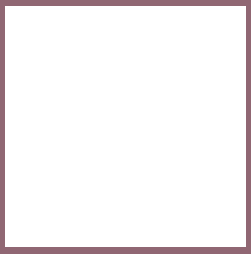
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 48, 18.364, 359.472 Background



This preview shows how black text looks on a background with the CIELCh color 48, 18.364, 359.472.



This preview shows how white text looks on a background with the CIELCh color 48, 18.364, 359.472.

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
48, 18.364, 359.472

Protanopia
48, 4.127, 290.739

Deuteranopia
48, 5.901, 8.608

Tritanopia
48, 17.420, 6.190

Trichromacy

Original Color
48, 18.364, 359.472

Protanomaly
48, 8.086, 339.476

Deuteranomaly
48, 10.543, 1.258

Tritanomaly
48, 17.530, 4.321

Monochromacy

Original Color
48, 18.364, 359.472

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 6.819, 354.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 18.364, 359.472 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(144, 103, 115) looks like.

```
.text, #text, p{
    color:rgb(144, 103, 115)
}
```

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(144, 103, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 103, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 18.364, 359.472 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(144, 103, 115) }
```

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

```
.border{ border-color:rgb(144, 103, 115) }
```

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

Here you see how a box with a 4 pixel rgb(144, 103, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 103, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 103, 115); box-shadow:4px 4px 4px 4px rgb(144, 103, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 18.364, 359.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(144, 103, 115) }
```

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

```
.background{ background-color:rgb(144,
103, 115) }
```

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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