

Converting Colors

CIELCh(48, 9.238, 319.230)

Have a look what the booklet for
CIELCh(48, 9.238, 319.230) contains.

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Color

CIELCh(48, 9.390, 318.839)

Conversions

Conversions Part 1

Format	Color
Hex	796E7C
RGB	121, 110, 124
RGB Percent	47%, 43%, 49%
CMY	0.5239, 0.5671, 0.5122
CMYK	0.02, 0.11, 0.00, 0.51
HSL	287°, 6%, 46%
HSV	287°, 11%, 49%
XYZ	17.2215, 16.7945, 21.5342
YIQ	114.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

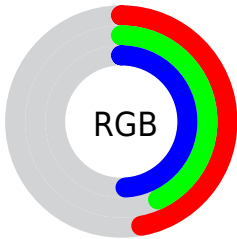
Format	Color
R _Y B	121, 110, 124
Decimal	7958140
CIE Lab	48.00, 7.07, -6.18
CIE LCh	48, 9.390, 318.839
Yxy	16.7945, 0.3100, 0.3023
Android (android.graphics.Color)	4286148220 (0xFF796E7C)
YUV	114.8850, 4.4937, 5.3629
Hunter-Lab	40.9810, 3.2946, -2.4682

Details

The CIELCh color **48, 9.390, 318.839** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51, 9.329, 137.902**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 9.273, 317.113**, and **28, 9.515, 318.549** is the 20% darker color. If you saturate the color by 10%, you get **44, 17.858, 319.272**, and if you desaturate by 10%, it is **52, 1.045, 318.298**.

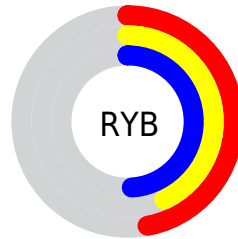
Distribution



Red (47%)

Green (43%)

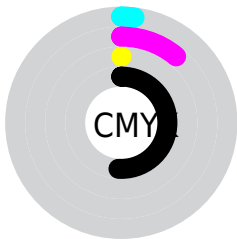
Blue (49%)



Red (47%)

Yellow (43%)

Blue (49%)

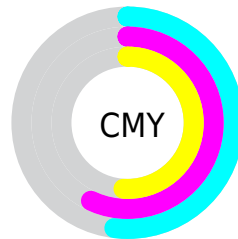


Cyan (2%)

Magenta (11%)

Yellow (0%)

Black (51%)



Cyan (52%)

Magenta (57%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 9.390, 318.839 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, 9.390, 318.839 by changing the saturation by 10% instead.

■ 48, 9.390, 318.839

■ 48, 9.390, 318.839

■ 100, 9.390,
318.839

■ 38, 9.390, 318.839

■ 68, 9.390, 318.839

■ 28, 9.390, 318.839

■ 78, 9.390, 318.839

■ 18, 9.390, 318.839

■ 88, 9.390, 318.839

■ 8, 9.390, 318.839

■ 98, 9.390, 318.839

■ 0, 9.390, 318.839

■ 48, 9.390, 318.839

■ 48, 9.390, 318.839

■ 44, 17.858,
319.272

■ 52, 1.045, 318.298

■ 41, 26.370,

■ 55, 7.121, 138.055

319.696

59, 15.082,
137.664

37, 34.793,
320.097

63, 22.825,
137.306

34, 42.934,
320.452

67, 30.347,
136.976

31, 50.529,
320.730

71, 37.651,
136.672

29, 57.245,
320.893

74, 44.744,
136.395

27, 62.715,
320.898

78, 51.635,
136.143

25, 66.619,
320.703

82, 58.334,
135.914

24, 69.282,
320.453

Harmonies

Complementary

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



48, 9.390, 318.839



51, 9.329, 137.902

Rectangle

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



48, 9.390, 318.839



48, 9.390, 8.839



48, 9.390, 138.839



48, 9.390, 188.839

Sweetspot

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



48, 9.388, 318.838



65, 3.065, 318.454



48, 6.557, 280.720



34, 2.342, 318.495



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



48, 9.388, 318.838



60, 14.427, 318.972



48, 8.203, 334.319



24, 4.626, 318.741



24, 69.505, 320.450



51, 117.199, 320.064

Inverse Universe

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



48, 6.039, 3.137



60, 9.326, 3.461



51, 8.162, 152.895



24, 2.965, 2.908



25, 53.421, 26.306



53, 92.279, 29.518

Previews

White Background



This preview shows how the CIELCh color 48, 9.390, 318.839 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, 9.390, 318.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

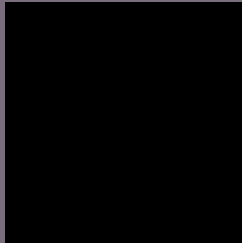
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 9.390, 318.839

Background



This preview shows how black text looks on a background with the CIELCh color 48, 9.390, 318.839.



This preview shows how white text looks on a background with the CIELCh color 48, 9.390, 318.839.

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

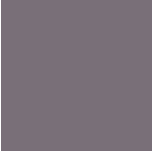
48, 9.390, 318.839

Protanopia

48, 7.675, 288.322

Deuteranopia

48, 8.499, 315.894



Tritanopia
48, 6.689, 327.697

Trichromacy



Original Color
48, 9.390, 318.839

Protanomaly
48, 7.787, 299.847

Deuteranomaly
48, 8.674, 318.300

Tritanomaly
48, 7.654, 322.370

Monochromacy



Original Color
48, 9.390, 318.839

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 3.378, 318.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 9.390, 318.839 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(121, 110, 124)` looks like.

```
.text, #text, p{  
    color:rgb(121, 110, 124)  
}
```

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(121, 110, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 110, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 9.390, 318.839 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(121, 110, 124) }
```

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

```
.border{ border-color:rgb(121, 110, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 110, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 110, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 110, 124);  
box-shadow:4px 4px 4px 4px rgb(121, 110,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 9.390, 318.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 110, 124) }
```

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

```
.background{ background-color: rgb(121,  
110, 124) }
```

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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