

Converting Colors

CIELCh(48, 8.940, 315.106)

Have a look what the booklet for
CIELCh(48, 8.940, 315.106) contains.

CIELCh(48, 9.035, 314.331)	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(48, 9.035, 314.331)

Conversions

Conversions Part 1

Format	Color
Hex	786F7D
RGB	120, 111, 125
RGB Percent	47%, 44%, 49%
CMY	0.5300, 0.5653, 0.5104
CMYK	0.04, 0.11, 0.00, 0.51
HSL	279°, 6%, 46%
HSV	279°, 11%, 49%
XYZ	17.0839, 16.7945, 21.6912
YIQ	115.2870, 0.8700, 6.2620

Conversions

Conversions Part 2

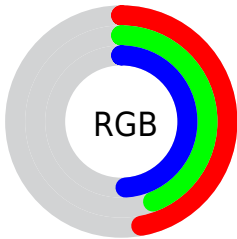
Format	Color
RYB	120, 111, 125
Decimal	7892861
CIELab	48.00, 6.31, -6.46
CIElCh	48, 9.035, 314.331
Yxy	16.7945, 0.3074, 0.3022
Android (android.graphics.Color)	4286082941 (0xFF786F7D)
YUV	115.2870, 4.7885, 4.1333
Hunter-Lab	40.9810, 2.6951, -2.6954

Details

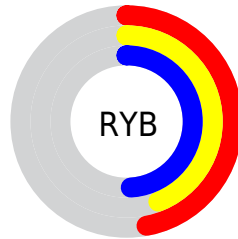
The CIELCh color **48, 9.035, 314.331** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51, 8.938, 133.452**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 8.957, 312.815**, and **28, 9.309, 316.129** is the 20% darker color. If you saturate the color by 10%, you get **44, 17.270, 314.755**, and if you desaturate by 10%, it is **52, 0.969, 313.823**.

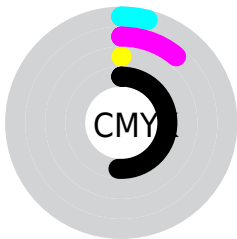
Distribution



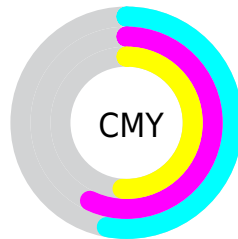
- Red (47%)
- Green (44%)
- Blue (49%)



- Red (47%)
- Yellow (44%)
- Blue (49%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 9.035, 314.331 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, 9.035, 314.331 by changing the saturation by 10% instead.

■ 48, 9.035, 314.331

■ 48, 9.035, 314.331

■ 100, 9.035,
314.331

■ 38, 9.035, 314.331

■ 68, 9.035, 314.331

■ 28, 9.035, 314.331

■ 78, 9.035, 314.331

■ 18, 9.035, 314.331

■ 88, 9.035, 314.331

■ 8, 9.035, 314.331

■ 98, 9.035, 314.331

■ 0, 9.035, 314.331

■ 48, 9.035, 314.331

■ 48, 9.035, 314.331

■ 44, 17.270,
314.755

■ 52, 0.969, 313.823

■ 40, 25.621,

■ 56, 6.895, 133.587

315.187

60, 14.543,
133.234

37, 33.993,
315.609

64, 21.974,
132.919

33, 42.230,
315.998

67, 29.189,
132.635

30, 50.100,
316.315

71, 36.197,
132.381

27, 57.278,
316.510

75, 43.005,
132.154

24, 63.354,
316.519

79, 49.624,
131.954

22, 67.906,
316.273

83, 56.063,
131.776

21, 71.172,
315.967

Harmonies

Complementary

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



48, 9.035, 314.331



51, 8.938, 133.452

Rectangle

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



48, 9.035, 314.331



48, 9.035, 4.331



48, 9.035, 134.331



48, 9.035, 184.331

Sweetspot

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



48, 9.034, 314.330



66, 2.986, 313.968



49, 5.540, 269.837



34, 2.253, 314.006



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, 9.034, 314.330



61, 13.073, 314.419



48, 9.109, 328.918



24, 4.455, 314.238



21, 71.216, 315.966



45, 120.327, 315.421

Inverse Universe

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



48, 6.448, 353.079



61, 9.342, 353.292



51, 9.089, 147.653



24, 3.176, 352.862



25, 50.230, 13.777



54, 85.408, 16.965

Previews

White Background



This preview shows how the CIELCh color 48, 9.035, 314.331 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 48, 9.035, 314.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

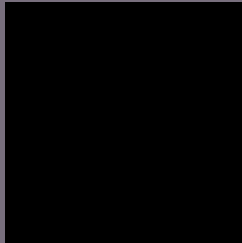
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 9.035, 314.331

Background



This preview shows how black text looks on a background with the CIELCh color 48, 9.035, 314.331.



This preview shows how white text looks on a background with the CIELCh color 48, 9.035, 314.331.

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, 9.035, 314.331

Protanopia

48, 7.675, 288.322

Deuteranopia

48, 9.035, 314.331



Tritanopia
48, 5.518, 321.276

Trichromacy



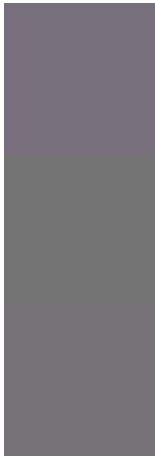
Original Color
48, 9.035, 314.331

Protanomaly
48, 8.370, 299.288

Deuteranomaly
48, 9.035, 314.331

Tritanomaly
48, 6.555, 316.041

Monochromacy



Original Color
48, 9.035, 314.331

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 3.905, 314.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 9.035, 314.331 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(120, 111, 125)` looks like.

```
.text, #text, p{  
    color:rgb(120, 111, 125)  
}
```

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(120, 111, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 111, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 9.035, 314.331 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(120, 111, 125) }
```

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

```
.border{ border-color:rgb(120, 111, 125) }
```

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

Here you see how a box with a 4 pixel rgb(120, 111, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 111, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 111, 125);  
box-shadow:4px 4px 4px 4px rgb(120, 111,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 9.035, 314.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 111, 125) }
```

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

```
.background{ background-color: rgb(120,  
111, 125) }
```

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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