

Converting Colors

CIELCh(48, 5.246, 338.442)

Have a look what the booklet for
CIELCh(48, 5.246, 338.442) contains.

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Color

CIELCh(48, 5.404, 339.178)

Conversions

Conversions Part 1

Format	Color
Hex	796F75
RGB	121, 111, 117
RGB Percent	47%, 44%, 46%
CMY	0.5245, 0.5637, 0.5402
CMYK	0.00, 0.08, 0.03, 0.52
HSL	324°, 4%, 46%
HSV	324°, 8%, 48%
XYZ	16.8556, 16.7945, 19.2580
YIQ	114.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

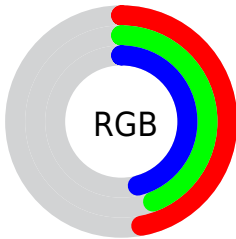
Format	Color
R _Y B	121, 111, 117
Decimal	7958389
CIE Lab	48.00, 5.05, -1.92
CIE LCh	48, 5.404, 339.178
Yxy	16.7945, 0.3186, 0.3174
Android (android.graphics.Color)	4286148469 (0xFF796F75)
YUV	114.6740, 1.1467, 5.5479
Hunter-Lab	40.9810, 1.7007, 0.8248

Details

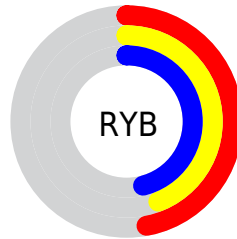
The CIELCh color **48, 5.404, 339.178** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50, 5.363, 158.085**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 5.053, 338.991**, and **28, 5.596, 336.426** is the 20% darker color. If you saturate the color by 10%, you get **45, 12.050, 339.977**, and if you desaturate by 10%, it is **52, 1.128, 158.746**.

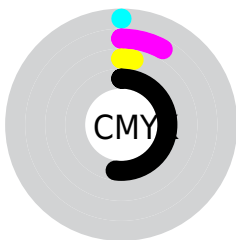
Distribution



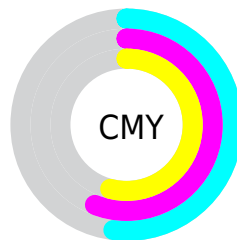
- Red (47%)
- Green (44%)
- Blue (46%)



- Red (47%)
- Yellow (44%)
- Blue (46%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 5.404, 339.178 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, 5.404, 339.178 by changing the saturation by 10% instead.

■ 48, 5.404, 339.178

■ 48, 5.404, 339.178

■ 100, 5.404,
339.178

■ 38, 5.404, 339.178

■ 68, 5.404, 339.178

■ 28, 5.404, 339.178

■ 78, 5.404, 339.178

■ 18, 5.404, 339.178

■ 88, 5.404, 339.178

■ 8, 5.404, 339.178

■ 98, 5.404, 339.178

■ 0, 5.404, 339.178

■ 48, 5.404, 339.178

■ 48, 5.404, 339.178

■ 45, 12.050,
339.977

■ 52, 1.128, 158.746

■ 41, 18.736,

■ 55, 7.496, 157.891

340.821

59, 13.678,
157.259

38, 25.337,
341.746

62, 19.666,
156.676

35, 31.673,
342.776

66, 25.462,
156.133

32, 37.502,
343.949

70, 31.073,
155.625

30, 42.529,
345.315

73, 36.508,
155.148

28, 46.445,
346.949

77, 41.780,
154.700

27, 49.006,
348.947

81, 46.900,
154.279

26, 50.481,
351.283

Harmonies

Complementary

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



48, 5.404, 339.178



50, 5.363, 158.085

Rectangle

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



48, 5.404, 339.178



48, 5.404, 29.178



48, 5.404, 159.178



48, 5.404, 209.178

Sweetspot

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



48, 5.402, 339.182



64, 1.621, 338.590



48, 6.145, 305.887



33, 0.917, 338.564



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



48, 5.402, 339.182



61, 8.153, 339.340



48, 4.163, 11.711



24, 3.720, 339.248



26, 51.828, 351.789



55, 86.435, 353.573

Inverse Universe

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



48, 5.402, 339.182



61, 8.153, 339.340



50, 3.998, 190.635



24, 3.720, 339.248



26, 51.828, 351.789



55, 86.435, 353.573

Previews

White Background



This preview shows how the CIELCh color 48, 5.404, 339.178 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, 5.404, 339.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

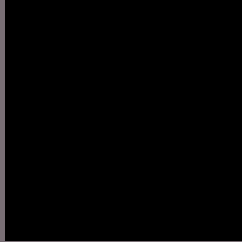
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

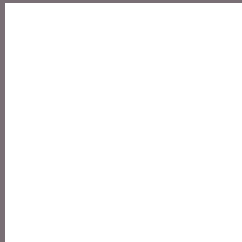
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 5.404, 339.178

Background



This preview shows how black text looks on a background with the CIELCh color 48, 5.404, 339.178.



This preview shows how white text looks on a background with the CIELCh color 48, 5.404, 339.178.

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, 5.404, 339.178

Protanopia

48, 3.071, 305.680

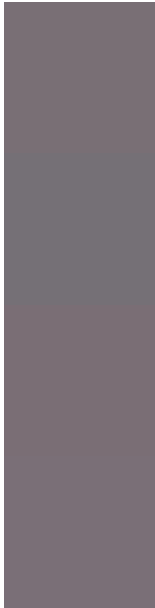
Deuteranopia

48, 6.726, 342.412



Tritanopia
48, 6.939, 330.398

Trichromacy



Original Color

48, 5.404, 339.178

Protanomaly

48, 4.095, 319.981

Deuteranomaly

48, 6.410, 340.102

Tritanomaly

48, 6.504, 333.743

Monochromacy



Original Color

48, 5.404, 339.178

Achromatopsia

48, 0.006, 296.813

Achromatomaly

48, 1.704, 335.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 5.404, 339.178 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, 111, 117)` looks like.

```
.text, #text, p{  
    color:rgb(121, 111, 117)  
}
```

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, 111, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 111, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 5.404, 339.178 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, 111, 117) }
```

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

```
.border{ border-color:rgb(121, 111, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 111, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 111, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 111, 117);  
box-shadow:4px 4px 4px 4px rgb(121, 111,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 5.404, 339.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 111, 117) }
```

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

```
.background{ background-color: rgb(121,  
111, 117) }
```

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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