

Converting Colors

CIELCh(47, 3.917, 0.101)

Have a look what the booklet for
CIELCh(47, 3.917, 0.101) contains.

CIELCh(47, 4.108, 354.290)	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(47, 4.108, 354.290)

Conversions

Conversions Part 1

Format	Color
Hex	766D70
RGB	118, 109, 112
RGB Percent	46%, 43%, 44%
CMY	0.5365, 0.5718, 0.5600
CMYK	0.00, 0.08, 0.05, 0.54
HSL	340°, 4%, 45%
HSV	340°, 8%, 46%
XYZ	15.9240, 16.0195, 17.6401
YIQ	112.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

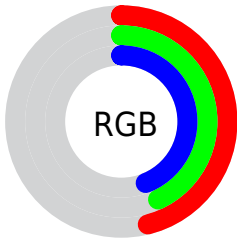
Format	Color
R_{YB}	118, 109, 112
Decimal	7761264
CIE _{Lab}	47.00, 4.09, -0.41
CIE _{LCh}	47, 4.108, 354.290
Yxy	16.0195, 0.3212, 0.3231
Android (android.graphics.Color)	4285951344 (0xFF766D70)
YUV	112.0330, -0.0163, 5.2331
Hunter-Lab	40.0243, 0.9751, 1.8859

Details

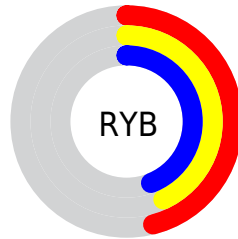
The CIELCh color $[47, 4.108, 354.290]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[49, 4.028, 173.121]$, and the grayscale version is $[47, 0.006, 296.813]$.

A 20% lighter version of the original color is $[67, 4.430, 349.842]$, and $[27, 3.860, 0.430]$ is the 20% darker color. If you saturate the color by 10%, you get $[43, 9.666, 355.331]$, and if you desaturate by 10%, it is $[51, 1.257, 173.759]$.

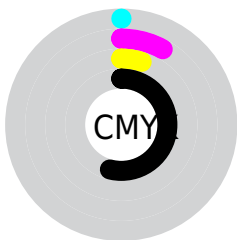
Distribution



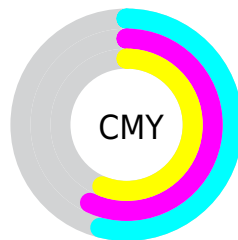
- Red (46%)
- Green (43%)
- Blue (44%)



- Red (46%)
- Yellow (43%)
- Blue (44%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 4.108, 354.290 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 47, 4.108, 354.290 by changing the saturation by 10% instead.

■ 47, 4.108, 354.290

■ 47, 4.108, 354.290

■ 100, 4.108,
354.290

■ 37, 4.108, 354.290

■ 67, 4.108, 354.290

■ 27, 4.108, 354.290

■ 77, 4.108, 354.290

■ 17, 4.108, 354.290

■ 87, 4.108, 354.290

■ 7, 4.108, 354.290

■ 97, 4.108, 354.290

■ 0, 4.108, 354.290

■ 47, 4.108, 354.290

■ 47, 4.108, 354.290

■ 43, 9.666, 355.331

■ 51, 1.257, 173.759

■ 40, 15.377,
356.475

■ 54, 6.406, 172.778

37, 21.160,
357.803

58, 11.338,
172.054

34, 26.887,
359.381

61, 16.060,
171.407

31, 32.373, 1.297

65, 20.585,
170.818

29, 37.384, 3.666

69, 24.927,
170.278

27, 41.678, 6.633

25, 45.076, 10.350

72, 29.101,
169.779

24, 47.824, 14.669

76, 33.123,
169.317

80, 37.006,
168.888

Harmonies

Complementary

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



47, 4.108, 354.290



49, 4.028, 173.121

Rectangle

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



47, 4.108, 354.290



47, 4.108, 44.290



47, 4.108, 174.290



47, 4.108, 224.290

Sweetspot

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



47, 4.107, 354.300



62, 1.321, 353.591



47, 5.879, 314.949



32, 0.747, 353.553



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



47, 4.107, 354.300



59, 6.013, 354.464



47, 3.222, 35.540



23, 3.024, 354.444



25, 49.798, 15.875



53, 85.552, 19.221

Inverse Universe

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



47, 4.107, 354.300



59, 6.013, 354.464



49, 3.079, 215.888



23, 3.024, 354.444



25, 49.798, 15.875



53, 85.552, 19.221

Previews

White Background



This preview shows how the CIELCh color 47, 4.108, 354.290 looks on a white background.

Color Contrast Check

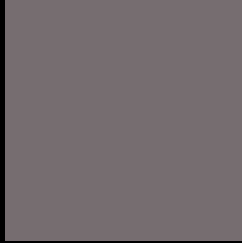
Large Text (above 18pt) WCAG AA ✓ Pass

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 47, 4.108, 354.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

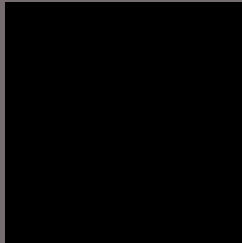
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 4.108, 354.290

Background



This preview shows how black text looks on a background with the CIELCh color 47, 4.108, 354.290.



This preview shows how white text looks on a background with the CIELCh color 47, 4.108, 354.290.

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

47, 4.108, 354.290

Protanopia

47, 1.448, 324.417

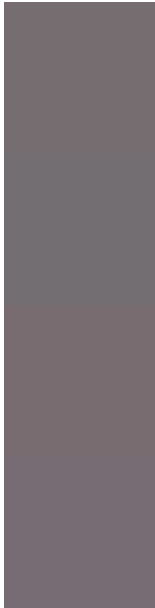
Deuteranopia

47, 6.245, 357.961



Tritanopia
47, 6.971, 330.410

Trichromacy



Original Color

47, 4.108, 354.290

Protanomaly

47, 2.718, 338.848

Deuteranomaly

47, 5.862, 356.353

Tritanomaly

47, 6.123, 337.579

Monochromacy



Original Color

47, 4.108, 354.290

Achromatopsia

47, 0.006, 296.813

Achromatomaly

47, 1.367, 353.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 4.108, 354.290 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(118, 109, 112)` looks like.

```
.text, #text, p{  
    color:rgb(118, 109, 112)  
}
```

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(118, 109, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 109, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 4.108, 354.290 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(118, 109, 112) }
```

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

```
.border{ border-color:rgb(118, 109, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 109, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 109, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 109, 112);  
box-shadow:4px 4px 4px 4px rgb(118, 109,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 4.108, 354.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 109, 112) }
```

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

```
.background{ background-color: rgb(118,  
109, 112) }
```

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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