

Converting Colors

CIELCh(47, 10.770, 56.224)

Have a look what the booklet for
CIELCh(47, 10.770, 56.224) contains.

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Color

CIELCh(47, 10.555, 57.769)

Conversions

Conversions Part 1	
Format	Color
Hex	7F6C61
RGB	127, 108, 97
RGB Percent	50%, 42%, 38%
CMY	0.5030, 0.5775, 0.6206
CMYK	0.00, 0.15, 0.24, 0.50
HSL	22°, 13%, 44%
HSV	22°, 24%, 50%
XYZ	16.1927, 16.0195, 13.4851
YIQ	112.4270, 14.8550, 0.6070

Conversions

Conversions Part 2

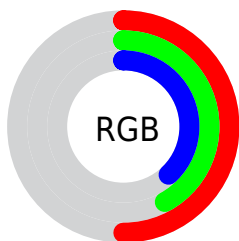
Format	Color
RYB	127, 114, 97
Decimal	8350817
CIELab	47.00, 5.63, 8.93
CIELCh	47, 10.555, 57.769
Yxy	16.0195, 0.3543, 0.3506
Android (android.graphics.Color)	4286540897 (0xFF7F6C61)
YUV	112.4270, -7.6055, 12.7805
Hunter-Lab	40.0243, 2.1735, 8.0409

Details

The CIELCh color **47, 10.555, 57.769** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 9.442, 242.522**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 10.371, 55.518**, and **27, 10.263, 59.125** is the 20% darker color. If you saturate the color by 10%, you get **45, 15.527, 56.991**, and if you desaturate by 10%, it is **50, 5.897, 58.594**.

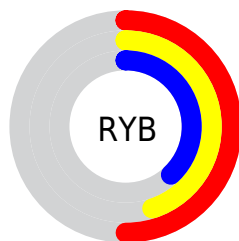
Distribution



Red (50%)

Green (42%)

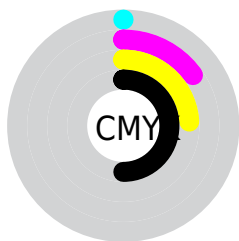
Blue (38%)



Red (50%)

Yellow (45%)

Blue (38%)

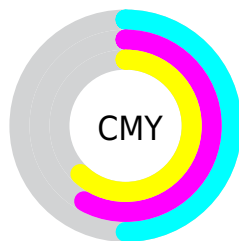


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (50%)



Cyan (50%)

Magenta (58%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 10.555, 57.769 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, 10.555, 57.769 by changing the saturation by 10% instead.

 47, 10.555, 57.769

 47, 10.555, 57.769

 100, 10.555,
57.769

 37, 10.555, 57.769

 67, 10.555, 57.769

 27, 10.555, 57.769

 77, 10.555, 57.769

 17, 10.555, 57.769

 87, 10.555, 57.769

 7, 10.555, 57.769

 97, 10.555, 57.769

 0, 10.555, 57.769

 47, 10.555, 57.769

 47, 10.555, 57.769

 45, 15.527, 56.991

 50, 5.897, 58.594

 42, 20.831, 56.253

 52, 1.529, 59.300


 40, 26.465, 55.575

 55, 2.578, 240.530


 37, 32.391, 54.948

 57, 6.452, 241.338

 35, 38.498, 54.329


 60, 10.118,
242.200


 33, 44.529, 53.598


 63, 13.603,
243.060

 32, 49.993, 52.511

 31, 53.468, 52.078

 65, 16.927,
243.905

 68, 20.111,
244.729

 71, 23.170,
245.529

Harmonies

Complementary

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



47, 10.555, 57.769



48, 9.442, 242.522

Rectangle

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



47, 10.555, 57.769



47, 10.555, 107.769



47, 10.555, 237.769



47, 10.555, 287.769

Sweetspot

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



47, 10.555, 57.779



66, 3.684, 59.101



45, 16.623, 338.840



34, 2.416, 59.069



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



47, 10.555, 57.779



59, 15.819, 57.379



51, 15.106, 101.655



26, 2.409, 58.957



31, 53.734, 52.071



0, 0.000, 0.000

Inverse Universe

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



48, 9.442, 242.522



60, 13.777, 243.257



43, 15.666, 287.010



26, 2.318, 240.801



33, 32.292, 265.730



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 10.555, 57.769 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 47, 10.555, 57.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

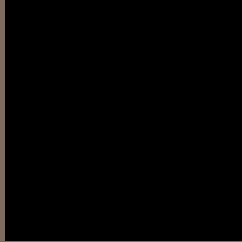
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 10.555, 57.769

Background



This preview shows how black text looks on a background with the CIELCh color 47, 10.555, 57.769.



This preview shows how white text looks on a background with the CIELCh color 47, 10.555, 57.769.

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, 10.555, 57.769

Protanopia

47, 7.514, 89.272

Deuteranopia

47, 10.938, 52.672



Tritanopia

47, 10.989, 355.444

Trichromacy



Original Color
47, 10.555, 57.769

Protanomaly
47, 8.521, 75.439

Deuteranomaly
47, 10.938, 52.672

Tritanomaly
47, 9.295, 16.907

Monochromacy



Original Color
47, 10.555, 57.769

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 3.746, 58.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 10.555, 57.769 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(127, 108, 97)` looks like.

```
.text, #text, p{  
    color:rgb(127, 108, 97)  
}
```

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(127, 108, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 108, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 10.555, 57.769 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(127, 108, 97) }
```

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

```
.border{ border-color:rgb(127, 108, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 108, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 108, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 108, 97);  
box-shadow:4px 4px 4px 4px rgb(127, 108,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 10.555, 57.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 108, 97) }
```

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

```
.background{ background-color: rgb(127,  
108, 97) }
```

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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