

Converting Colors

CIELCh(47, 8.151, 42.816)

Have a look what the booklet for
CIELCh(47, 8.151, 42.816) contains.

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Color

CIELCh(47, 8.097, 45.907)

Conversions

Conversions Part 1

Format	Color
Hex	7D6C66
RGB	125, 108, 102
RGB Percent	49%, 42%, 40%
CMY	0.5101, 0.5768, 0.6003
CMYK	0.00, 0.14, 0.18, 0.51
HSL	16°, 10%, 44%
HSV	16°, 18%, 49%
XYZ	16.1935, 16.0195, 14.7883
YIQ	112.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

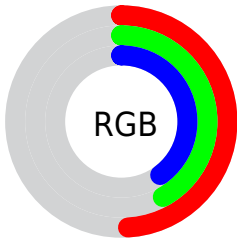
Format	Color
R_{YB}	125, 110, 102
Decimal	8219750
CIE Lab	47.00, 5.63, 5.82
CIE LCh	47, 8.097, 45.907
Yxy	16.0195, 0.3445, 0.3408
Android (android.graphics.Color)	4286409830 (0xFF7D6C66)
YUV	112.3990, -5.1267, 11.0511
Hunter-Lab	40.0243, 2.1772, 6.1104

Details

The CIELCh color $47, 8.097, 45.907$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 7.273, 227.950$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 8.194, 43.650$, and $27, 8.233, 48.422$ is the 20% darker color. If you saturate the color by 10%, you get $44, 12.986, 45.617$, and if you desaturate by 10%, it is $50, 3.560, 46.264$.

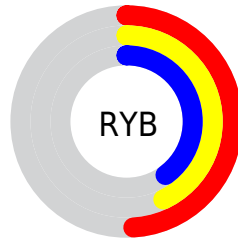
Distribution



Red (49%)

Green (42%)

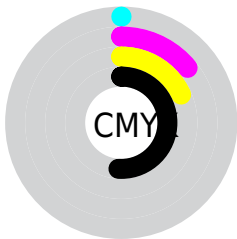
Blue (40%)



Red (49%)

Yellow (43%)

Blue (40%)

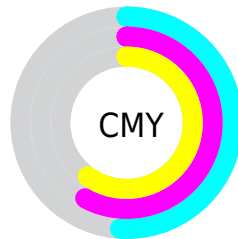


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (51%)



Cyan (51%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 8.097, 45.907 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, 8.097, 45.907 by changing the saturation by 10% instead.

■ 47, 8.097, 45.907 ■ 47, 8.097, 45.907

■ 100, 8.097, 45.907 ■ 37, 8.097, 45.907

■ 67, 8.097, 45.907 ■ 27, 8.097, 45.907

■ 77, 8.097, 45.907 ■ 17, 8.097, 45.907

■ 87, 8.097, 45.907 ■ 7, 8.097, 45.907

■ 97, 8.097, 45.907 ■ 0, 8.097, 45.907

■ 47, 8.097, 45.907 ■ 47, 8.097, 45.907

■ 44, 12.986, 45.617 ■ 50, 3.560, 46.264

■ 41, 18.255, 45.414 ■ 53, 0.653, 227.400

■ 39, 23.913, 45.337 ■ 56, 4.575, 227.423

■ 36, 29.947, 45.406

■ 59, 8.240, 227.925

■ 34, 36.292, 45.618

■ 62, 11.676,
228.469

■ 32, 42.791, 45.913

■ 65, 14.912,
229.027

■ 30, 49.082, 46.106

■ 28, 54.614, 46.007

■ 68, 17.971,
229.590

■ 28, 55.449, 46.029

■ 71, 20.874,
230.150

■ 74, 23.642,
230.703

Harmonies

Complementary

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



47, 8.097, 45.907



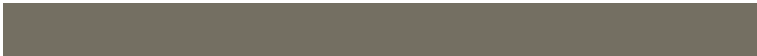
49, 7.273, 227.950

Rectangle

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



47, 8.097, 45.907



47, 8.097, 95.907



47, 8.097, 225.907



47, 8.097, 275.907

Sweetspot

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



47, 8.097, 45.919



65, 3.135, 46.324



46, 13.835, 333.492



33, 2.073, 46.313



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

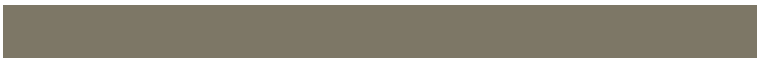
The Same Dimension uses a secret algorithm to generate beautiful new colors.



47, 8.097, 45.919



59, 12.234, 45.785



50, 10.322, 95.114



24, 2.351, 46.243



28, 55.461, 46.029



57, 96.421, 45.122

Inverse Universe

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



49, 7.273, 227.950



62, 10.699, 228.285



46, 10.445, 279.577



25, 2.237, 227.345



36, 27.047, 246.752



71, 46.281, 249.515

Previews

White Background



This preview shows how the CIELCh color 47, 8.097, 45.907 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, 8.097, 45.907 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, 8.097, 45.907

Background



This preview shows how black text looks on a background with the CIELCh color 47, 8.097, 45.907.

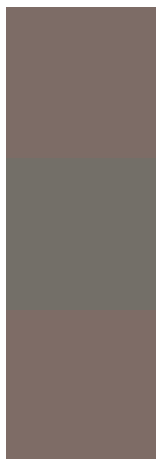


This preview shows how white text looks on a background with the CIELCh color 47, 8.097, 45.907.

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, 8.097, 45.907

Protanopia

47, 4.444, 87.448

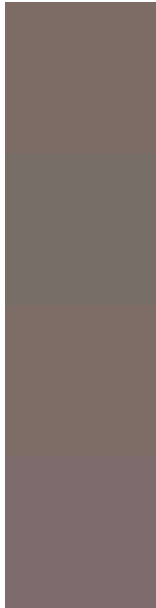
Deuteranopia

47, 8.494, 44.659



Tritanopia
47, 9.493, 350.813

Trichromacy



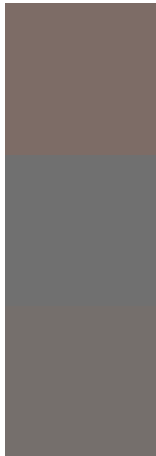
Original Color
47, 8.097, 45.907

Protanomaly
47, 5.609, 66.887

Deuteranomaly
47, 8.494, 44.659

Tritanomaly
47, 8.114, 7.837

Monochromacy



Original Color
47, 8.097, 45.907

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 3.042, 55.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 8.097, 45.907 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(125, 108, 102)` looks like.

```
.text, #text, p{  
    color:rgb(125, 108, 102)  
}
```

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(125, 108, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 108, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 8.097, 45.907 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(125, 108, 102) }
```

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

```
.border{ border-color:rgb(125, 108, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 108, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 108, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 108, 102);  
box-shadow:4px 4px 4px 4px rgb(125, 108,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 8.097, 45.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 108, 102) }
```

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

```
.background{ background-color: rgb(125,  
108, 102) }
```

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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