

Converting Colors

CIELCh(47, 10.071, 346.096)

Have a look what the booklet for
CIELCh(47, 10.071, 346.096)
contains.

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Color

CIELCh(47, 10.097, 344.932)

Conversions

Conversions Part 1

Format	Color
Hex	7E6A74
RGB	126, 106, 116
RGB Percent	49%, 42%, 45%
CMY	0.5057, 0.5841, 0.5449
CMYK	0.00, 0.16, 0.08, 0.51
HSL	330°, 9%, 46%
HSV	330°, 16%, 49%
XYZ	16.9256, 16.0195, 18.7378
YIQ	113.1200, 8.7100, 7.3500

Conversions

Conversions Part 2

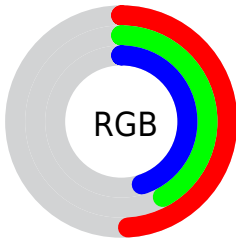
Format	Color
R_{YB}	126, 106, 116
Decimal	8284788
CIE Lab	47.00, 9.75, -2.62
CIE LCh	47, 10.097, 344.932
Yxy	16.0195, 0.3275, 0.3100
Android (android.graphics.Color)	4286474868 (0xFF7E6A74)
YUV	113.1200, 1.4198, 11.2958
Hunter-Lab	40.0243, 5.4422, 0.2598

Details

The CIELCh color $47, 10.097, 344.932$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 9.903, 162.374$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 10.381, 344.644$, and $27, 9.960, 345.502$ is the 20% darker color. If you saturate the color by 10%, you get $43, 16.594, 345.887$, and if you desaturate by 10%, it is $51, 3.691, 344.038$.

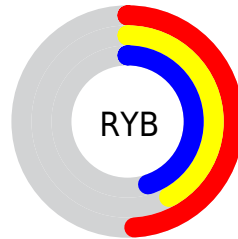
Distribution



Red (49%)

Green (42%)

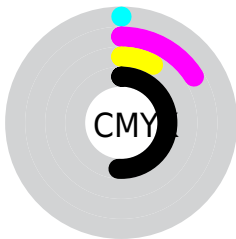
Blue (45%)



Red (49%)

Yellow (42%)

Blue (45%)

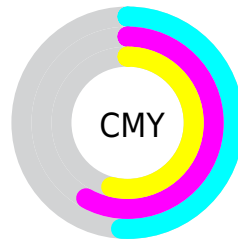


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (51%)



Cyan (51%)


Magenta (58%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 10.097, 344.932 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, 10.097, 344.932 by changing the saturation by 10% instead.


 47, 10.097,
344.932


 47, 10.097,
344.932


 100, 10.097,
344.932


 37, 10.097,
344.932

 67, 10.097,
344.932


 27, 10.097,
344.932

 77, 10.097,
344.932

 17, 10.097,
344.932


 87, 10.097,
344.932

 7, 10.097, 344.932

 97, 10.097,
344.932

 0, 10.097, 344.932

 47, 10.097,

 47, 10.097,

344.932

344.932

43, 16.594,
345.887

51, 3.691, 344.038

40, 23.084,
346.951

54, 2.557, 163.459

37, 29.405,
348.166

58, 8.615, 162.673

34, 35.334,
349.587

62, 14.471,
162.008

31, 40.590,
351.287

66, 20.123,
161.399

29, 44.864,
353.371

70, 25.579,
160.835

28, 47.896,
355.970

73, 30.848,
160.311

27, 49.704,
359.162

77, 35.944,
159.822

81, 40.878,



26, 50.425, 0.501

159.365

Harmonies

Complementary

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



47, 10.097, 344.932



51, 9.903, 162.374

Rectangle

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



47, 10.097, 344.932



47, 10.097, 34.932



47, 10.097, 164.932



47, 10.097, 214.932

Sweetspot

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



47, 10.095, 344.935



65, 3.883, 343.966



46, 12.563, 309.761



33, 2.638, 344.022



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, 10.095, 344.935



58, 14.985, 345.265



47, 8.443, 20.402



25, 3.593, 344.332



26, 50.837, 0.553



0, 0.000, 0.000

Inverse Universe

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



47, 10.095, 344.935



58, 14.985, 345.265



51, 7.654, 198.644



25, 3.593, 344.332



26, 50.837, 0.553



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 10.097, 344.932 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, 10.097, 344.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

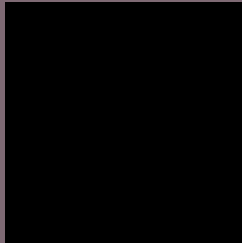
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 10.097, 344.932

Background



This preview shows how black text looks on a background with the CIELCh color 47, 10.097, 344.932.



This preview shows how white text looks on a background with the CIELCh color 47, 10.097, 344.932.

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, 10.097, 344.932

Protanopia

47, 4.739, 290.830

Deuteranopia

47, 6.820, 336.304



Tritanopia
47, 9.782, 347.779

Trichromacy



Original Color
47, 10.097, 344.932

Protanomaly
47, 6.058, 318.434

Deuteranomaly
47, 8.124, 339.497

Tritanomaly
47, 9.782, 347.779

Monochromacy



Original Color
47, 10.097, 344.932

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 4.046, 344.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 10.097, 344.932 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(126, 106, 116)` looks like.

```
.text, #text, p{  
    color:rgb(126, 106, 116)  
}
```

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(126, 106, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 106, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 10.097, 344.932 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(126, 106, 116) }
```

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

```
.border{ border-color:rgb(126, 106, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 106, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 106, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 106, 116);  
box-shadow:4px 4px 4px 4px rgb(126, 106,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 10.097, 344.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 106, 116) }
```

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

```
.background{ background-color: rgb(126,  
106, 116) }
```

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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