

Converting Colors

CIELCh(47, 39.999, 44.317)

Have a look what the booklet for
CIELCh(47, 39.999, 44.317) contains.

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Color

CIELCh(47, 40.091, 44.327)

Conversions

Conversions Part 1

Format	Color
Hex	A75B42
RGB	167, 91, 66
RGB Percent	65%, 36%, 26%
CMY	0.3462, 0.6440, 0.7420
CMYK	0.00, 0.46, 0.61, 0.35
HSL	15°, 43%, 46%
HSV	15°, 61%, 65%
XYZ	20.5777, 16.0195, 7.1283
YIQ	110.8740, 53.3210, 8.3370

Conversions

Conversions Part 2

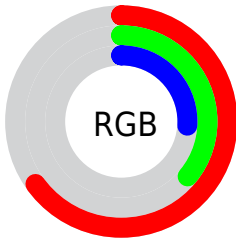
Format	Color
R_{YB}	167, 99, 66
Decimal	10967874
CIE _{Lab}	47.00, 28.68, 28.01
CIE _{LCh}	47, 40.091, 44.327
Yxy	16.0195, 0.4706, 0.3664
Android (android.graphics.Color)	4289157954 (0xFFA75B42)
YUV	110.8740, -22.1229, 49.2225
Hunter-Lab	40.0243, 21.7296, 17.4575

Details

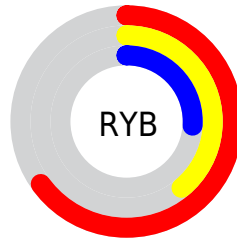
The CIELCh color **47, 40.091, 44.327** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **55, 25.693, 231.995**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 40.440, 44.324**, and **27, 39.821, 44.407** is the 20% darker color. If you saturate the color by 10%, you get **44, 48.291, 44.719**, and if you desaturate by 10%, it is **50, 32.237, 44.096**.

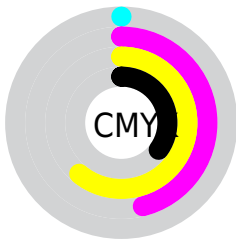
Distribution



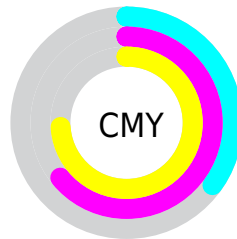
- Red (65%)
- Green (36%)
- Blue (26%)



- Red (65%)
- Yellow (39%)
- Blue (26%)



- Cyan (0%)
- Magenta (46%)
- Yellow (61%)
- Black (35%)



- Cyan (35%)
- Magenta (64%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 40.091, 44.327 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, 40.091, 44.327 by changing the saturation by 10% instead.

■ 47, 40.091, 44.327

■ 47, 40.091, 44.327

■ 100, 40.091,
44.327

■ 37, 40.091, 44.327

■ 67, 40.091, 44.327

■ 27, 40.091, 44.327

■ 77, 40.091, 44.327

■ 17, 40.091, 44.327

■ 87, 40.091, 44.327

■ 7, 40.091, 44.327

■ 97, 40.091, 44.327

■ 0, 40.091, 44.327

■ 47, 40.091, 44.327

■ 47, 40.091, 44.327

■ 44, 48.291, 44.719

■ 50, 32.237, 44.096

■ 41, 56.548, 45.157

■ 54, 24.857, 44.032

39, 64.195, 45.348

57, 17.987, 44.120

37, 70.459, 45.377

61, 11.622, 44.330

64, 5.733, 44.616

68, 0.282, 43.465

72, 4.775, 225.653

76, 9.483, 226.101

80, 13.883,
226.605

Harmonies

Complementary

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



47, 40.091, 44.327



55, 25.693, 231.995

Rectangle

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



47, 40.091, 44.327



47, 40.091, 94.327



47, 40.091, 224.327



47, 40.091, 274.327

Sweetspot

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



47, 40.090, 44.331



78, 12.495, 44.390



44, 55.494, 336.013



40, 8.851, 44.315



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



47, 40.090, 44.331



56, 62.538, 44.889



59, 42.587, 88.435



34, 3.085, 44.651



33, 64.167, 45.564



2, 5.533, 40.996

Inverse Universe

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



55, 25.693, 231.995



68, 35.410, 235.587



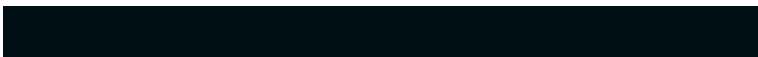
41, 45.035, 287.418



34, 2.924, 225.681



44, 30.261, 244.843



4, 5.382, 233.635

Previews

White Background



This preview shows how the CIELCh color 47, 40.091, 44.327 looks on a white background.

Color Contrast Check

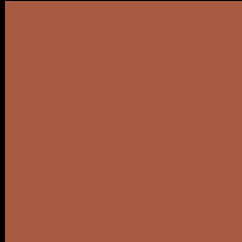
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.091, 44.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

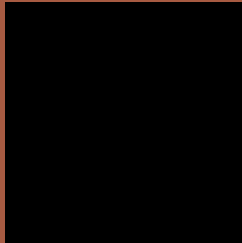
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 40.091, 44.327

Background



This preview shows how black text looks on a background with the CIELCh color 47, 40.091, 44.327.



This preview shows how white text looks on a background with the CIELCh color 47, 40.091, 44.327.

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, 40.091, 44.327

Protanopia

47, 22.651, 95.430

Deuteranopia

47, 29.705, 77.882



Tritanopia
47, 35.737, 19.195

Trichromacy



Original Color
47, 40.091, 44.327

Protanomaly
47, 25.541, 68.791

Deuteranomaly
47, 32.003, 62.597

Tritanomaly
47, 36.761, 28.887

Monochromacy



Original Color
47, 40.091, 44.327

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 13.080, 44.449

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 47, 40.091, 44.327 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(167, 91, 66)` looks like.

```
.text, #text, p{  
    color:rgb(167, 91, 66)  
}
```

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(167, 91, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 91, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 40.091, 44.327 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(167, 91, 66) }
```

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

```
.border{ border-color:rgb(167, 91, 66) }
```

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

Here you see how a box with a 4 pixel rgb(167, 91, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 91, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 91, 66);  
box-shadow:4px 4px 4px 4px rgb(167, 91,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 40.091, 44.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 91, 66) }
```

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

```
.background{ background-color: rgb(167, 91,  
66) }
```

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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