

Converting Colors

CIELCh(47, 40.254, 10.158)

Have a look what the booklet for
CIELCh(47, 40.254, 10.158) contains.

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Color

CIELCh(47, 40.118, 10.209)

Conversions

Conversions Part 1

Format	Color
Hex	AE5265
RGB	174, 82, 101
RGB Percent	68%, 32%, 40%
CMY	0.3170, 0.6778, 0.6033
CMYK	0.00, 0.53, 0.42, 0.32
HSL	348°, 36%, 50%
HSV	348°, 53%, 68%
XYZ	22.8799, 16.0195, 14.2364
YIQ	111.6740, 48.7330, 25.4130

Conversions

Conversions Part 2

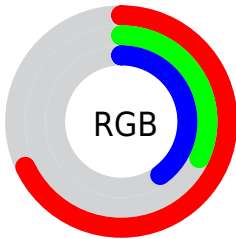
Format	Color
R_{YB}	174, 82, 101
Decimal	11424357
CIE Lab	47.00, 39.48, 7.11
CIE LCh	47, 40.118, 10.209
Yxy	16.0195, 0.4306, 0.3015
Android (android.graphics.Color)	4289614437 (0xFFAE5265)
YUV	111.6740, -5.2623, 54.6599
Hunter-Lab	40.0243, 31.9971, 6.9280

Details

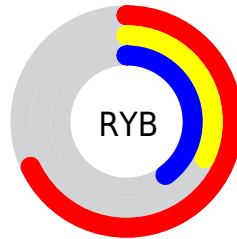
The CIELCh color **47, 40.118, 10.209** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **65, 32.133, 177.486**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 40.061, 9.898**, and **27, 40.004, 9.973** is the 20% darker color. If you saturate the color by 10%, you get **43, 47.692, 12.815**, and if you desaturate by 10%, it is **51, 32.231, 8.141**.

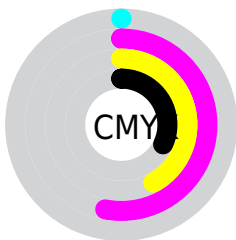
Distribution



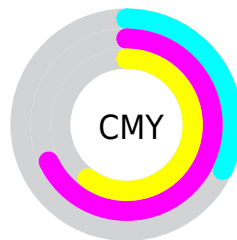
- Red (68%)
- Green (32%)
- Blue (40%)



- Red (68%)
- Yellow (32%)
- Blue (40%)



- Cyan (0%)
- Magenta (53%)
- Yellow (42%)
- Black (32%)



- Cyan (32%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 40.118, 10.209 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, 40.118, 10.209 by changing the saturation by 10% instead.

■ 47, 40.118, 10.209

■ 47, 40.118, 10.209

■ 100, 40.118,
10.209

■ 37, 40.118, 10.209

■ 67, 40.118, 10.209

■ 27, 40.118, 10.209

■ 77, 40.118, 10.209

■ 17, 40.118, 10.209

■ 87, 40.118, 10.209

■ 7, 40.118, 10.209

■ 97, 40.118, 10.209

■ 0, 40.118, 10.209

■ 47, 40.118, 10.209

■ 47, 40.118, 10.209

■ 43, 47.692, 12.815

■ 51, 32.231, 8.141

■ 41, 54.653, 16.103

■ 55, 24.310, 6.472

38, 60.756, 20.197

60, 16.552, 5.098

37, 65.938, 25.089

65, 9.078, 3.936

36, 69.387, 28.711

70, 1.952, 2.783

75, 4.806, 182.277

80, 11.202,
181.490

85, 17.254,
180.827

90, 22.991,
180.240

Harmonies

Complementary

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



47, 40.118, 10.209



65, 32.133, 177.486

Rectangle

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



47, 40.118, 10.209



47, 40.118, 60.209



47, 40.118, 190.209



47, 40.118, 240.209

Sweetspot

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



47, 40.115, 10.211



80, 14.164, 4.319



47, 58.025, 320.476



42, 9.687, 4.550



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



47, 40.115, 10.211



56, 59.258, 13.195



52, 34.685, 47.435



34, 3.956, 3.558



31, 61.931, 27.997



2, 8.057, 5.693

Inverse Universe

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



47, 40.115, 10.211



56, 59.258, 13.195



58, 24.265, 235.977



34, 3.956, 3.558



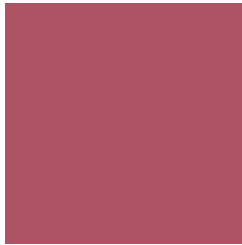
31, 61.931, 27.997



2, 8.057, 5.693

Previews

White Background



This preview shows how the CIELCh color 47, 40.118, 10.209 looks on a white background.

Color Contrast Check

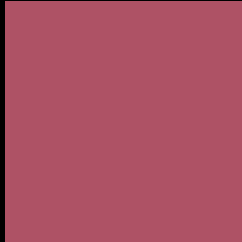
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.118, 10.209 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, 40.118, 10.209

Background



This preview shows how black text looks on a background with the CIELCh color 47, 40.118, 10.209.



This preview shows how white text looks on a background with the CIELCh color 47, 40.118, 10.209.

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, 40.118, 10.209

Protanopia

47, 3.583, 297.063

Deuteranopia

47, 10.911, 56.365



Tritanopia
47, 39.389, 20.403

Trichromacy



Original Color
47, 40.118, 10.209

Protanomaly
46, 15.335, 358.931

Deuteranomaly
47, 20.103, 22.013

Tritanomaly
47, 39.457, 16.428

Monochromacy



Original Color
47, 40.118, 10.209

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 14.889, 5.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 40.118, 10.209 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(174, 82, 101)` looks like.

```
.text, #text, p{  
    color:rgb(174, 82, 101)  
}
```

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(174, 82, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 82, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 40.118, 10.209 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(174, 82, 101) }
```

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

```
.border{ border-color:rgb(174, 82, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 82, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 82, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 82, 101);  
box-shadow:4px 4px 4px 4px rgb(174, 82,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 40.118, 10.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 82, 101) }
```

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

```
.background{ background-color: rgb(174, 82,  
101) }
```

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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