

Converting Colors

CIELCh(48, 33.595, 7.053)

Have a look what the booklet for
CIELCh(48, 33.595, 7.053) contains.

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Color

CIELCh(48, 33.258, 7.316)

Conversions

Conversions Part 1

Format	Color
Hex	A75B6C
RGB	167, 91, 108
RGB Percent	65%, 36%, 42%
CMY	0.3449, 0.6429, 0.5763
CMYK	0.00, 0.45, 0.35, 0.34
HSL	347°, 30%, 51%
HSV	347°, 45%, 66%
XYZ	22.4010, 16.7945, 16.2606
YIQ	115.6620, 39.8390, 21.3990

Conversions

Conversions Part 2

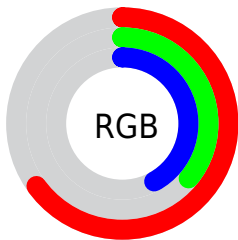
Format	Color
RYB	167, 91, 108
Decimal	10967916
CIELab	48.00, 32.99, 4.24
CIELCh	48, 33.258, 7.316
Yxy	16.7945, 0.4039, 0.3028
Android (android.graphics.Color)	4289157996 (0xFFA75B6C)
YUV	115.6620, -3.7774, 45.0234
Hunter-Lab	40.9810, 25.8548, 5.1615

Details

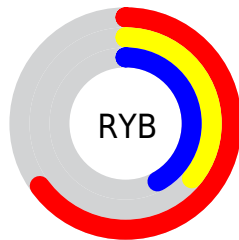
The CIELCh color **48, 33.258, 7.316** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 27.826, 176.974**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 33.044, 7.754**, and **28, 33.115, 6.999** is the 20% darker color. If you saturate the color by 10%, you get **44, 40.774, 9.483**, and if you desaturate by 10%, it is **52, 25.611, 5.575**.

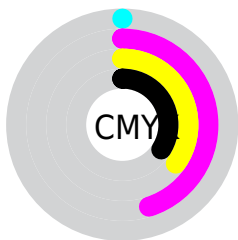
Distribution



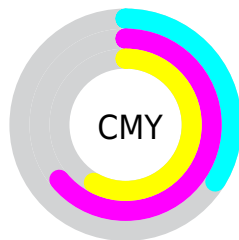
- Red (65%)
- Green (36%)
- Blue (42%)



- Red (65%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (45%)
- Yellow (35%)
- Black (34%)



- Cyan (34%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 33.258, 7.316 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 48, 33.258, 7.316 by changing the saturation by 10% instead.

 48, 33.258, 7.316  48, 33.258, 7.316

 100, 33.258, 7.316  38, 33.258, 7.316

 68, 33.258, 7.316  28, 33.258, 7.316

 78, 33.258, 7.316  18, 33.258, 7.316

 88, 33.258, 7.316  8, 33.258, 7.316

 98, 33.258, 7.316  0, 33.258, 7.316

 48, 33.258, 7.316  48, 33.258, 7.316

 44, 40.774, 9.483  52, 25.611, 5.575

 41, 47.883, 12.206  57, 18.056, 4.142

 38, 54.287, 15.640  61, 10.731, 2.935

■ 36, 59.782, 19.900

■ 66, 3.715, 1.847

■ 35, 64.389, 24.937

■ 71, 2.960, 181.240

■ 35, 66.445, 27.166

■ 76, 9.292, 180.373

■ 80, 15.293,
179.676

■ 85, 20.988,
179.061

■ 90, 26.400,
178.508

Harmonies

Complementary

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



48, 33.258, 7.316



63, 27.826, 176.974

Rectangle

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



48, 33.258, 7.316



48, 33.258, 57.316



48, 33.258, 187.316



48, 33.258, 237.316

Sweetspot

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



48, 33.256, 7.318



78, 11.949, 2.797



48, 48.538, 319.707



41, 8.357, 3.030



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



48, 33.256, 7.318



57, 49.950, 9.604



52, 28.247, 45.895



33, 3.884, 2.261



30, 60.476, 26.546



1, 6.848, 3.824

Inverse Universe

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



48, 33.256, 7.318



57, 49.950, 9.604



58, 20.792, 232.028



33, 3.884, 2.261



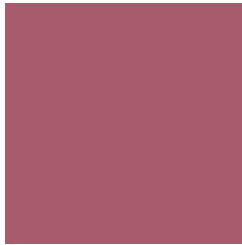
30, 60.476, 26.546



1, 6.848, 3.824

Previews

White Background



This preview shows how the CIELCh color 48, 33.258, 7.316 looks on a white background.

Color Contrast Check

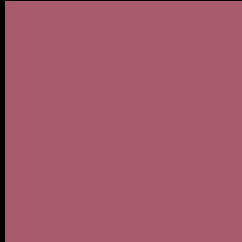
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 33.258, 7.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

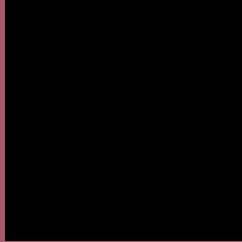
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 33.258, 7.316

Background



This preview shows how black text looks on a background with the CIELCh color 48, 33.258, 7.316.



This preview shows how white text looks on a background with the CIELCh color 48, 33.258, 7.316.

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

48, 33.258, 7.316

Protanopia

48, 4.152, 296.207

Deuteranopia

48, 8.615, 40.066



Tritanopia
48, 31.921, 17.751

Trichromacy



Original Color
48, 33.258, 7.316

Protanomaly
48, 12.932, 354.114

Deuteranomaly
48, 17.179, 15.788

Tritanomaly
48, 32.249, 13.851

Monochromacy



Original Color
48, 33.258, 7.316

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 12.170, 4.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 33.258, 7.316 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(167, 91, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 91, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 33.258, 7.316 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, 108) }
```

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

```
.border{ border-color:rgb(167, 91, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 91, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 91, 108);  
box-shadow:4px 4px 4px 4px rgb(167, 91,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 33.258, 7.316 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, 108) }
```

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

```
.background{ background-color: rgb(167, 91,  
108) }
```

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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