

Converting Colors

CIELCh(48, 37.119, 17.936)

Have a look what the booklet for
CIELCh(48, 37.119, 17.936) contains.

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Color

CIELCh(48, 37.245, 17.908)

Conversions

Conversions Part 1

Format	Color
Hex	AD5860
RGB	173, 88, 96
RGB Percent	68%, 35%, 38%
CMY	0.3203, 0.6538, 0.6225
CMYK	0.00, 0.49, 0.44, 0.32
HSL	354°, 34%, 51%
HSV	354°, 49%, 68%
XYZ	22.9391, 16.7945, 13.1631
YIQ	114.3270, 48.0920, 20.5080

Conversions

Conversions Part 2

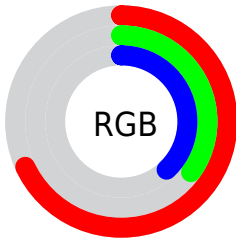
Format	Color
R _Y B	173, 88, 96
Decimal	11360352
CIE Lab	48.00, 35.44, 11.45
CIE LCh	48, 37.245, 17.908
Yxy	16.7945, 0.4337, 0.3175
Android (android.graphics.Color)	4289550432 (0xFFAD5860)
YUV	114.3270, -9.0352, 51.4562
Hunter-Lab	40.9810, 28.1985, 9.6428

Details

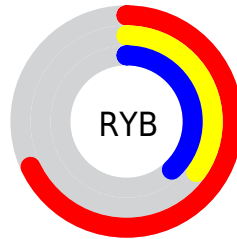
The CIELCh color **48, 37.245, 17.908** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66, 27.980, 187.900**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 37.141, 18.324**, and **28, 37.314, 17.725** is the 20% darker color. If you saturate the color by 10%, you get **44, 45.536, 20.313**, and if you desaturate by 10%, it is **52, 28.990, 16.022**.

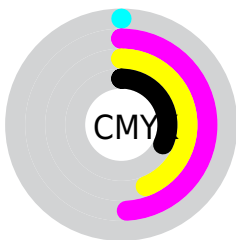
Distribution



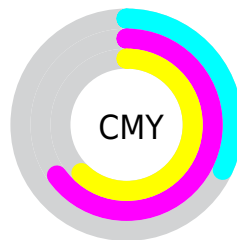
- Red (68%)
- Green (35%)
- Blue (38%)



- Red (68%)
- Yellow (35%)
- Blue (38%)



- Cyan (0%)
- Magenta (49%)
- Yellow (44%)
- Black (32%)









- Cyan (32%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 37.245, 17.908 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, 37.245, 17.908 by changing the saturation by 10% instead.

 48, 37.245, 17.908	 48, 37.245, 17.908
 100, 37.245, 17.908	 38, 37.245, 17.908
 68, 37.245, 17.908	 28, 37.245, 17.908
 78, 37.245, 17.908	 18, 37.245, 17.908
 88, 37.245, 17.908	 8, 37.245, 17.908
 98, 37.245, 17.908	 0, 37.245, 17.908

 48, 37.245, 17.908	 48, 37.245, 17.908
 44, 45.536, 20.313	 52, 28.990, 16.022
 41, 53.606, 23.351	 57, 20.981, 14.524

39, 61.178, 27.091

61, 13.343, 13.317

37, 67.996, 31.410

66, 6.141, 12.304

36, 73.816, 35.624

71, 0.612, 192.369

36, 74.324, 35.941

76, 6.928, 190.977

81, 12.837,
190.372

87, 18.376,
189.867

92, 23.584,
189.430

Harmonies

Complementary

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



48, 37.245, 17.908



66, 27.980, 187.900

Rectangle

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



48, 37.245, 17.908



48, 37.245, 67.908



48, 37.245, 197.908



48, 37.245, 247.908

Sweetspot

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



48, 37.243, 17.911



80, 12.797, 12.915



50, 54.937, 323.947



41, 8.777, 13.127



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



48, 37.243, 17.911



57, 56.182, 20.575



56, 30.836, 59.186



34, 3.841, 12.327



31, 66.565, 35.413



2, 7.861, 13.059

Inverse Universe

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



48, 37.243, 17.911



57, 56.182, 20.575



56, 24.383, 252.087



34, 3.841, 12.327



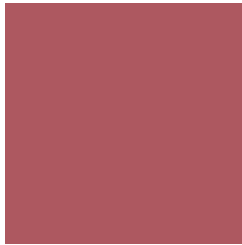
31, 66.565, 35.413



2, 7.861, 13.059

Previews

White Background



This preview shows how the CIELCh color 48, 37.245, 17.908 looks on a white background.

Color Contrast Check

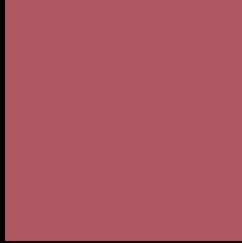
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.245, 17.908 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, 37.245, 17.908

Background



This preview shows how black text looks on a background with the CIELCh color 48, 37.245, 17.908.

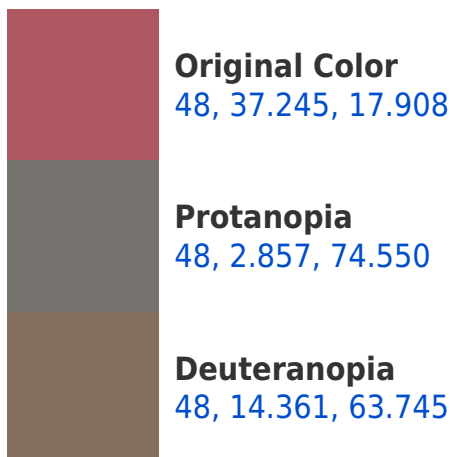


This preview shows how white text looks on a background with the CIELCh color 48, 37.245, 17.908.

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





Tritanopia
48, 36.916, 19.485

Trichromacy



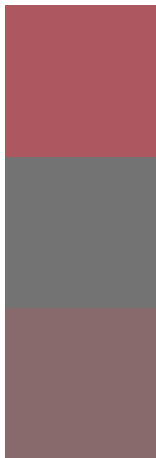
Original Color
48, 37.245, 17.908

Protanomaly
48, 14.136, 21.141

Deuteranomaly
48, 21.156, 34.463

Tritanomaly
48, 36.916, 19.485

Monochromacy



Original Color
48, 37.245, 17.908

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 13.228, 13.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 37.245, 17.908 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(173, 88, 96)` looks like.

```
.text, #text, p{  
    color:rgb(173, 88, 96)  
}
```

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(173, 88, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 88, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 37.245, 17.908 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(173, 88, 96) }
```

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

```
.border{ border-color:rgb(173, 88, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 88, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 88, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 88, 96);  
box-shadow:4px 4px 4px 4px rgb(173, 88,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 37.245, 17.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 88, 96) }
```

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

```
.background{ background-color: rgb(173, 88,  
96) }
```

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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