

Converting Colors

CIELCh(48, 32.478, 18.962)

Have a look what the booklet for
CIELCh(48, 32.478, 18.962) contains.

CIELCh(48, 32.423, 18.917)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(48, 32.423, 18.917)

Conversions

Conversions Part 1

Format	Color
Hex	A75D62
RGB	167, 93, 98
RGB Percent	65%, 36%, 38%
CMY	0.3469, 0.6369, 0.6173
CMYK	0.00, 0.44, 0.41, 0.35
HSL	356°, 29%, 51%
HSV	356°, 44%, 65%
XYZ	21.9010, 16.7945, 13.5424
YIQ	115.6960, 42.4990, 17.2430

Conversions

Conversions Part 2

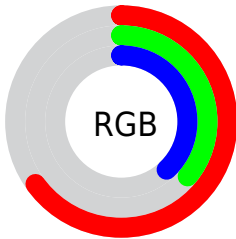
Format	Color
RYB	167, 93, 98
Decimal	10968418
CIELab	48.00, 30.67, 10.51
CIElCh	48, 32.423, 18.917
Yxy	16.7945, 0.4193, 0.3215
Android (android.graphics.Color)	4289158498 (0xFFA75D62)
YUV	115.6960, -8.7241, 44.9936
Hunter-Lab	40.9810, 23.6767, 9.0940

Details

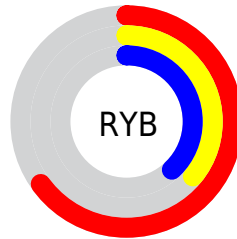
The CIELCh color **48, 32.423, 18.917** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 24.711, 190.748**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 32.095, 18.805**, and **28, 32.530, 18.338** is the 20% darker color. If you saturate the color by 10%, you get **44, 40.595, 21.024**, and if you desaturate by 10%, it is **52, 24.438, 17.270**.

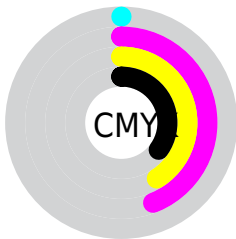
Distribution



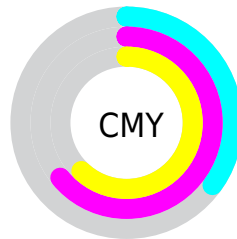
- Red (65%)
- Green (36%)
- Blue (38%)



- Red (65%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (44%)
- Yellow (41%)
- Black (35%)



- Cyan (35%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 32.423, 18.917 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, 32.423, 18.917 by changing the saturation by 10% instead.

■ 48, 32.423, 18.917

■ 48, 32.423, 18.917

■ 100, 32.423,
18.917

■ 38, 32.423, 18.917

■ 68, 32.423, 18.917

■ 28, 32.423, 18.917

■ 78, 32.423, 18.917

■ 18, 32.423, 18.917

■ 88, 32.423, 18.917

■ 8, 32.423, 18.917

■ 98, 32.423, 18.917

■ 0, 32.423, 18.917

■ 48, 32.423, 18.917

■ 48, 32.423, 18.917

■ 44, 40.595, 21.024

■ 52, 24.438, 17.270

■ 41, 48.739, 23.701

■ 57, 16.799, 15.963

38, 56.582, 27.038

61, 9.587, 14.905

36, 63.841, 30.986

66, 2.832, 13.947

35, 70.113, 35.157

71, 3.473, 193.560

34, 73.121, 37.037

76, 9.354, 192.897

81, 14.847,
192.390

86, 19.992,
191.963

91, 24.828,
191.596

Harmonies

Complementary

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



48, 32.423, 18.917



64, 24.711, 190.748

Rectangle

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



48, 32.423, 18.917



48, 32.423, 68.917



48, 32.423, 198.917



48, 32.423, 248.917

Sweetspot

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



48, 32.421, 18.920



79, 10.681, 14.793



50, 48.607, 324.264



41, 7.589, 15.000



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, 32.421, 18.920



57, 48.971, 20.922



55, 26.624, 61.355



33, 3.733, 14.426



30, 66.655, 36.593



1, 6.603, 14.565

Inverse Universe

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



48, 32.421, 18.920



57, 48.971, 20.922



55, 21.907, 253.108



33, 3.733, 14.426



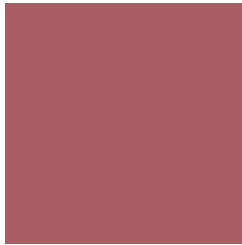
30, 66.655, 36.593



1, 6.603, 14.565

Previews

White Background



This preview shows how the CIELCh color 48, 32.423, 18.917 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, 32.423, 18.917 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, 32.423, 18.917

Background



This preview shows how black text looks on a background with the CIELCh color 48, 32.423, 18.917.



This preview shows how white text looks on a background with the CIELCh color 48, 32.423, 18.917.

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, 32.423, 18.917

Protanopia

48, 3.357, 80.210

Deuteranopia

48, 13.169, 61.769



Tritanopia
48, 32.784, 17.089

Trichromacy



Original Color
48, 32.423, 18.917

Protanomaly
48, 12.856, 23.545

Deuteranomaly
48, 18.855, 35.726

Tritanomaly
48, 32.844, 18.095

Monochromacy



Original Color
48, 32.423, 18.917

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 11.439, 14.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 32.423, 18.917 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, 93, 98)` looks like.

```
.text, #text, p{  
    color:rgb(167, 93, 98)  
}
```

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, 93, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 93, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 32.423, 18.917 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, 93, 98) }
```

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

```
.border{ border-color:rgb(167, 93, 98) }
```

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

Here you see how a box with a 4 pixel rgb(167, 93, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 93, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 93, 98);  
box-shadow:4px 4px 4px 4px rgb(167, 93,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 32.423, 18.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 93, 98) }
```

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

```
.background{ background-color: rgb(167, 93,  
98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor