

Converting Colors

CIELCh(32, 47.130, 32.783)

Have a look what the booklet for
CIELCh(32, 47.130, 32.783) contains.

CIELCh(32, 47.215, 32.836)	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(32, 47.215, 32.836)

Conversions

Conversions Part 1	
Format	Color
Hex	882A25
RGB	136, 42, 37
RGB Percent	53%, 16%, 15%
CMY	0.4651, 0.8338, 0.8537
CMYK	0.00, 0.69, 0.73, 0.47
HSL	3°, 57%, 34%
HSV	3°, 73%, 53%
XYZ	11.3982, 7.0852, 2.5414
YIQ	69.5360, 57.6290, 18.3730

Conversions

Conversions Part 2

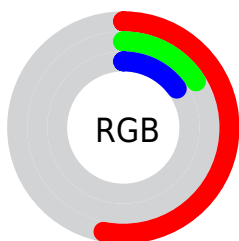
Format	Color
RYB	136, 42, 37
Decimal	8923685
CIELab	32.00, 39.67, 25.60
CIELCh	32, 47.215, 32.836
Yxy	7.0852, 0.5421, 0.3370
Android (android.graphics.Color)	4287113765 (0xFF882A25)
YUV	69.5360, -16.0402, 58.2889
Hunter-Lab	26.6180, 29.8551, 12.9717

Details

The CIELCh color **32, 47.215, 32.836** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **50, 26.849, 203.231**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 47.425, 32.786**, and **14, 40.336, 31.871** is the 20% darker color. If you saturate the color by 10%, you get **30, 54.298, 35.577**, and if you desaturate by 10%, it is **35, 39.870, 30.469**.

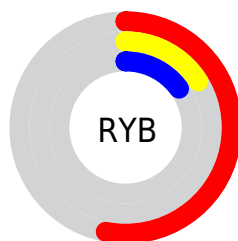
Distribution



Red (53%)

Green (16%)

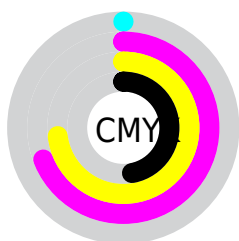
Blue (15%)



Red (53%)

Yellow (16%)

Blue (15%)

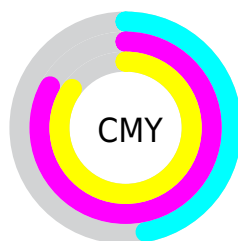


Cyan (0%)

Magenta (69%)

Yellow (73%)

Black (47%)



Cyan (47%)

Magenta (83%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 47.215, 32.836 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 32, 47.215, 32.836 by changing the saturation by 10% instead.

 32, 47.215, 32.836

 32, 47.215, 32.836

 100, 47.215,
32.836

 22, 47.215, 32.836

 52, 47.215, 32.836

 12, 47.215, 32.836

 62, 47.215, 32.836

 2, 47.215, 32.836

 72, 47.215, 32.836

 0, 47.215, 32.836

 82, 47.215, 32.836

 92, 47.215, 32.836

 32, 47.215, 32.836

 32, 47.215, 32.836

 30, 54.298, 35.577

 35, 39.870, 30.469

 29, 60.453, 38.194

 37, 32.579, 28.562

 28, 63.919, 39.780

 41, 25.531, 27.079

 44, 18.845, 25.947

 48, 12.582, 25.086

 52, 6.759, 24.420

 56, 1.365, 23.700

 60, 3.627, 203.770

 64, 8.252, 203.445

Harmonies

Complementary

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



32, 47.215, 32.836



50, 26.849, 203.231

Rectangle

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



32, 47.215, 32.836



32, 47.215, 82.836



32, 47.215, 212.836



32, 47.215, 262.836

Sweetspot

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



32, 47.213, 32.839



62, 15.207, 25.074



35, 61.021, 329.441



31, 10.269, 25.250



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



32, 47.213, 32.839



39, 71.116, 37.324



43, 39.751, 71.056



27, 2.995, 24.213



27, 62.425, 39.617



0, 1.344, 23.895

Inverse Universe

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



50, 26.849, 203.231



64, 35.130, 203.972



34, 35.132, 276.784



28, 2.830, 203.663



48, 28.861, 204.650



1, 1.344, 203.913

Previews

White Background



This preview shows how the CIE LCh color 32, 47.215, 32.836 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 32, 47.215, 32.836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32, 47.215, 32.836

Background



This preview shows how black text looks on a background with the CIELCh color 32, 47.215, 32.836.

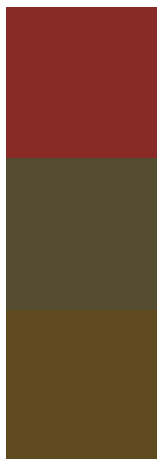


This preview shows how white text looks on a background with the CIELCh color 32, 47.215, 32.836.

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

32, 47.215, 32.836

Protanopia

32, 17.205, 95.622

Deuteranopia

32, 28.443, 81.764



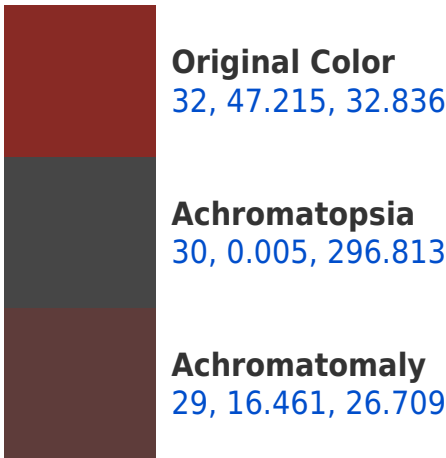
Tritanopia

32, 46.129, 27.672

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 32, 47.215, 32.836 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(136, 42, 37)` looks like.

```
.text, #text, p{  
    color:rgb(136, 42, 37)  
}
```

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(136, 42, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 42, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 47.215, 32.836 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(136, 42, 37) }
```

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

```
.border{ border-color:rgb(136, 42, 37) }
```

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

Here you see how a box with a 4 pixel rgb(136, 42, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 42, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 42, 37);  
box-shadow:4px 4px 4px 4px rgb(136, 42,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 47.215, 32.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 42, 37) }
```

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

```
.background{ background-color: rgb(136, 42,  
37) }
```

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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