

Converting Colors

CIELCh(47, 32.921, 71.633)

Have a look what the booklet for
CIELCh(47, 32.921, 71.633) contains.

CIELCh(47, 32.861, 71.684)	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(47, 32.861, 71.684)

Conversions

Conversions Part 1

Format	Color
Hex	8F683B
RGB	143, 104, 59
RGB Percent	56%, 41%, 23%
CMY	0.4397, 0.5926, 0.7691
CMYK	0.00, 0.27, 0.59, 0.44
HSL	32°, 42%, 40%
HSV	32°, 59%, 56%
XYZ	17.0300, 16.0195, 6.3169
YIQ	110.5310, 37.6890, -5.7270

Conversions

Conversions Part 2

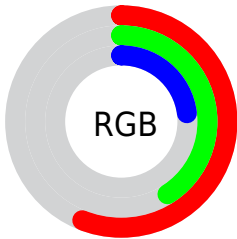
Format	Color
R_{YB}	132, 143, 59
Decimal	9398331
CIE Lab	47.00, 10.33, 31.20
CIE LCh	47, 32.861, 71.684
Yxy	16.0195, 0.4326, 0.4069
Android (android.graphics.Color)	4287588411 (0xFF8F683B)
YUV	110.5310, -25.4048, 28.4753
Hunter-Lab	40.0243, 5.9076, 18.6594

Details

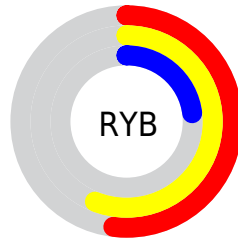
The CIELCh color **47, 32.861, 71.684** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **41, 28.977, 270.859**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 33.039, 71.825**, and **27, 32.806, 71.189** is the 20% darker color. If you saturate the color by 10%, you get **45, 38.906, 70.279**, and if you desaturate by 10%, it is **49, 26.825, 73.028**.

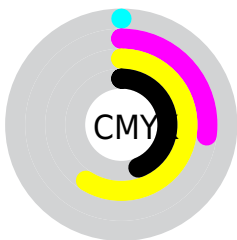
Distribution



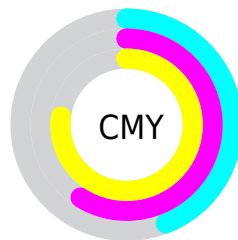
- Red (56%)
- Green (41%)
- Blue (23%)



- Red (52%)
- Yellow (56%)
- Blue (23%)



- Cyan (0%)
- Magenta (27%)
- Yellow (59%)
- Black (44%)



- Cyan (44%)
- Magenta (59%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 32.861, 71.684 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, 32.861, 71.684 by changing the saturation by 10% instead.

■ 47, 32.861, 71.684

■ 47, 32.861, 71.684

■ 100, 32.861,
71.684

■ 37, 32.861, 71.684

■ 67, 32.861, 71.684

■ 27, 32.861, 71.684

■ 77, 32.861, 71.684

■ 17, 32.861, 71.684

■ 87, 32.861, 71.684

■ 7, 32.861, 71.684

■ 97, 32.861, 71.684

■ 0, 32.861, 71.684

■ 47, 32.861, 71.684

■ 47, 32.861, 71.684

■ 45, 38.906, 70.279

■ 49, 26.825, 73.028

■ 43, 44.697, 68.719

■ 51, 20.928, 74.333

■ 42, 49.758, 66.841

■ 53, 15.227, 75.614

■ 40, 53.917, 64.659

■ 55, 9.739, 76.868

■ 40, 54.479, 64.444

■ 57, 4.463, 78.074

■ 60, 0.615, 259.773

■ 62, 5.509, 260.562

■ 64, 10.239,
261.672

■ 66, 14.820,
262.752

Harmonies

Complementary

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



47, 32.861, 71.684



41, 28.977, 270.859

Rectangle

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



47, 32.861, 71.684



47, 32.861, 121.684



47, 32.861, 251.684



47, 32.861, 301.684

Sweetspot

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



47, 32.861, 71.688



71, 11.574, 76.917



38, 40.250, 352.340



37, 8.149, 76.588



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



47, 32.861, 71.688



57, 49.960, 69.722



58, 45.211, 106.470



29, 2.871, 78.028



38, 52.288, 64.647



1, 1.912, 79.190

Inverse Universe

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



41, 28.977, 270.859



48, 43.260, 275.453



30, 53.366, 299.689



28, 2.827, 260.429



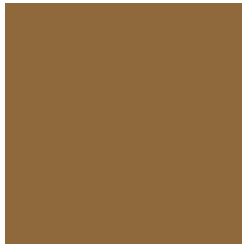
28, 47.098, 286.182



1, 1.913, 259.202

Previews

White Background



This preview shows how the CIELCh color 47, 32.861, 71.684 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, 32.861, 71.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

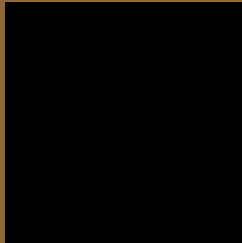
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 32.861, 71.684

Background



This preview shows how black text looks on a background with the CIELCh color 47, 32.861, 71.684.



This preview shows how white text looks on a background with the CIELCh color 47, 32.861, 71.684.

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, 32.861, 71.684

Protanopia

47, 29.363, 96.025

Deuteranopia

47, 32.024, 78.541



Tritanopia
47, 21.348, 9.742

Trichromacy



Original Color
47, 32.861, 71.684

Protanomaly
47, 29.755, 86.696

Deuteranomaly
47, 32.352, 75.954

Tritanomaly
47, 21.509, 39.026

Monochromacy



Original Color
47, 32.861, 71.684

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 11.820, 77.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 32.861, 71.684 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(143, 104, 59)` looks like.

```
.text, #text, p{  
    color:rgb(143, 104, 59)  
}
```

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(143, 104, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 104, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 32.861, 71.684 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(143, 104, 59) }
```

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

```
.border{ border-color:rgb(143, 104, 59) }
```

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

Here you see how a box with a 4 pixel rgb(143, 104, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 104, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 104, 59);  
box-shadow:4px 4px 4px 4px rgb(143, 104,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 32.861, 71.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 104, 59) }
```

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

```
.background{ background-color: rgb(143,  
104, 59) }
```

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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