

Converting Colors

CIELCh(40, 32.877, 48.247)

Have a look what the booklet for
CIELCh(40, 32.877, 48.247) contains.

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Color

CIELCh(40, 32.877, 48.247)

Conversions

Conversions Part 1

Format	Color
Hex	894F37
RGB	137, 79, 55
RGB Percent	54%, 31%, 22%
CMY	0.4616, 0.6892, 0.7834
CMYK	0.00, 0.42, 0.60, 0.46
HSL	18°, 43%, 38%
HSV	18°, 60%, 54%
XYZ	13.8754, 11.2510, 5.0853
YIQ	93.6060, 42.2720, 4.8320

Conversions

Conversions Part 2

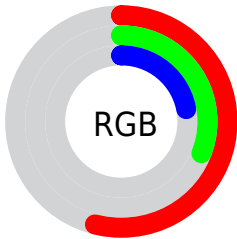
Format	Color
RYB	137, 89, 55
Decimal	8998711
CIELab	40.00, 21.89, 24.53
CIELCh	40, 32.877, 48.247
Yxy	11.2510, 0.4593, 0.3724
Android (android.graphics.Color)	4287188791 (0xFF894F37)
YUV	93.6060, -19.0328, 38.0565
Hunter-Lab	33.5425, 15.1403, 14.4909

Details

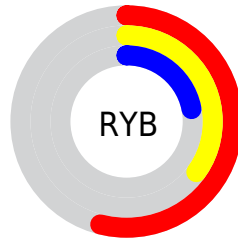
The CIELCh color **40, 32.877, 48.247** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **45, 22.102, 238.786**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 32.817, 48.814**, and **20, 32.680, 47.917** is the 20% darker color. If you saturate the color by 10%, you get **38, 39.658, 48.212**, and if you desaturate by 10%, it is **43, 26.400, 48.393**.

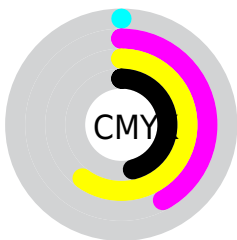
Distribution



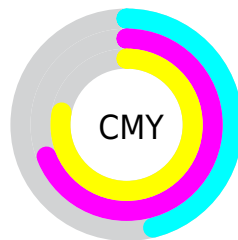
- Red (54%)
- Green (31%)
- Blue (22%)



- Red (54%)
- Yellow (35%)
- Blue (22%)



- Cyan (0%)
- Magenta (42%)
- Yellow (60%)
- Black (46%)



- Cyan (46%)
- Magenta (69%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 32.877, 48.247 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 40, 32.877, 48.247 by changing the saturation by 10% instead.

■ 40, 32.877, 48.247

■ 40, 32.877, 48.247

■ 100, 32.877,
48.247

■ 30, 32.877, 48.247

■ 60, 32.877, 48.247

■ 20, 32.877, 48.247

■ 70, 32.877, 48.247

■ 10, 32.877, 48.247

■ 80, 32.877, 48.247

■ 0, 32.877, 48.247

■ 90, 32.877, 48.247

■ 40, 32.877, 48.247

■ 40, 32.877, 48.247

■ 38, 39.658, 48.212

■ 43, 26.400, 48.393

■ 35, 46.542, 48.193

■ 45, 20.313, 48.656

■ 33, 53.067, 47.965

■ 48, 14.635, 49.028

■ 32, 59.010, 47.705

■ 51, 9.358, 49.487

■ 32, 59.150, 47.708

■ 54, 4.455, 49.988

■ 57, 0.107, 234.273

■ 60, 4.362, 231.398

■ 63, 8.344, 232.014

■ 67, 12.085,
232.669

Harmonies

Complementary

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



40, 32.877, 48.247



45, 22.102, 238.786

Rectangle

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



40, 32.877, 48.247



40, 32.877, 98.247



40, 32.877, 228.247



40, 32.877, 278.247

Sweetspot

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



40, 32.876, 48.251



66, 10.505, 49.554



37, 45.506, 338.155



33, 7.342, 49.429



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



40, 32.876, 48.251



48, 51.271, 48.210



51, 37.258, 92.315



27, 2.575, 50.017



30, 57.482, 47.709



1, 1.160, 50.650

Inverse Universe

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



45, 22.102, 238.786



55, 30.885, 242.754



33, 40.504, 289.840



28, 2.455, 231.384



37, 29.446, 253.230



1, 1.161, 230.669

Previews

White Background



This preview shows how the CIELCh color 40, 32.877, 48.247 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 40, 32.877, 48.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

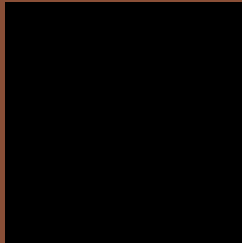
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 32.877, 48.247

Background



This preview shows how black text looks on a background with the CIELCh color 40, 32.877, 48.247.



This preview shows how white text looks on a background with the CIELCh color 40, 32.877, 48.247.

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

40, 32.877, 48.247

Protanopia

40, 20.757, 96.498

Deuteranopia

40, 25.946, 77.299



Tritanopia
40, 28.515, 18.089

Trichromacy



Original Color
40, 32.877, 48.247

Protanomaly
40, 22.368, 73.166

Deuteranomaly
40, 27.485, 64.387

Tritanomaly
40, 28.854, 29.560

Monochromacy



Original Color
40, 32.877, 48.247

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 11.029, 49.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 32.877, 48.247 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(137, 79, 55)` looks like.

```
.text, #text, p{  
    color:rgb(137, 79, 55)  
}
```

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(137, 79, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 79, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 32.877, 48.247 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(137, 79, 55) }
```

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

```
.border{ border-color:rgb(137, 79, 55) }
```

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

Here you see how a box with a 4 pixel rgb(137, 79, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 79, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 79, 55);  
box-shadow:4px 4px 4px 4px rgb(137, 79,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 32.877, 48.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 79, 55) }
```

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

```
.background{ background-color: rgb(137, 79,  
55) }
```

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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