

Converting Colors

CIELCh(40, 27.739, 47.445)

Have a look what the booklet for
CIELCh(40, 27.739, 47.445) contains.

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Color

CIELCh(40, 27.627, 47.670)

Conversions

Conversions Part 1

Format	Color
Hex	84523E
RGB	132, 82, 62
RGB Percent	52%, 32%, 24%
CMY	0.4830, 0.6790, 0.7574
CMYK	0.00, 0.38, 0.53, 0.48
HSL	17°, 36%, 38%
HSV	17°, 53%, 52%
XYZ	13.3618, 11.2510, 6.0048
YIQ	94.6700, 36.2200, 4.3800

Conversions

Conversions Part 2

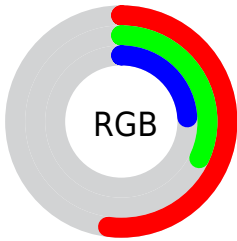
Format	Color
R _Y B	132, 90, 62
Decimal	8671806
CIE Lab	40.00, 18.60, 20.42
CIE LCh	40, 27.627, 47.670
Yxy	11.2510, 0.4364, 0.3675
Android (android.graphics.Color)	4286861886 (0xFF84523E)
YUV	94.6700, -16.1063, 32.7384
Hunter-Lab	33.5425, 12.4070, 12.8656

Details

The CIELCh color **40, 27.627, 47.670** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **45, 19.514, 236.137**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 27.388, 47.864**, and **20, 27.605, 47.460** is the 20% darker color. If you saturate the color by 10%, you get **37, 34.019, 47.622**, and if you desaturate by 10%, it is **43, 21.594, 47.852**.

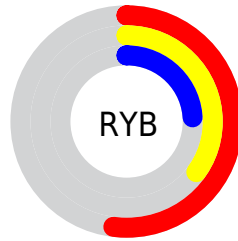
Distribution



Red (52%)

Green (32%)

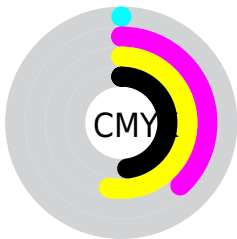
Blue (24%)



Red (52%)

Yellow (35%)

Blue (24%)

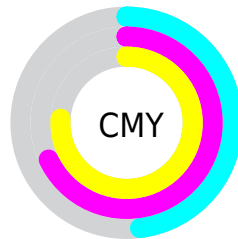


Cyan (0%)

Magenta (38%)

Yellow (53%)

Black (48%)



Cyan (48%)

Magenta (68%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 27.627, 47.670 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, 27.627, 47.670 by changing the saturation by 10% instead.

■ 40, 27.627, 47.670

■ 40, 27.627, 47.670

■ 100, 27.627,
47.670

■ 30, 27.627, 47.670

■ 60, 27.627, 47.670

■ 20, 27.627, 47.670

■ 70, 27.627, 47.670

■ 10, 27.627, 47.670

■ 80, 27.627, 47.670

■ 0, 27.627, 47.670

■ 90, 27.627, 47.670

■ 40, 27.627, 47.670

■ 40, 27.627, 47.670

■ 37, 34.019, 47.622

■ 43, 21.594, 47.852

■ 35, 40.667, 47.664

■ 45, 15.959, 48.149

■ 33, 47.314, 47.687

■ 48, 10.718, 48.544

■ 31, 53.416, 47.402

■ 51, 5.850, 49.004

■ 30, 57.391, 47.346

■ 54, 1.325, 49.336

■ 57, 2.889, 230.346

■ 60, 6.827, 230.895

■ 63, 10.521,
231.516

■ 66, 13.999,
232.154

Harmonies

Complementary

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



40, 27.627, 47.670



45, 19.514, 236.137

Rectangle

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



40, 27.627, 47.670



40, 27.627, 97.670



40, 27.627, 227.670



40, 27.627, 277.670

Sweetspot

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



40, 27.626, 47.674



64, 8.955, 48.849



37, 39.813, 337.525



33, 6.133, 48.768



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



40, 27.626, 47.674



48, 42.999, 47.626



49, 32.193, 93.172



26, 2.498, 49.186



30, 56.742, 47.336



0, 0.581, 49.790

Inverse Universe

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



45, 19.514, 236.137



55, 27.507, 239.084



34, 34.413, 288.137



27, 2.381, 230.494



37, 28.736, 251.808



0, 0.581, 229.809

Previews

White Background



This preview shows how the CIELCh color 40, 27.627, 47.670 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 40, 27.627, 47.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

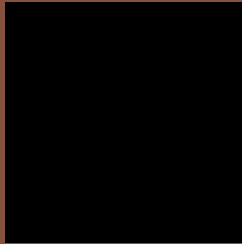
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 27.627, 47.670

Background



This preview shows how black text looks on a background with the CIELCh color 40, 27.627, 47.670.



This preview shows how white text looks on a background with the CIELCh color 40, 27.627, 47.670.

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, 27.627, 47.670

Protanopia

40, 17.182, 96.636

Deuteranopia

40, 21.749, 75.263



Tritanopia
40, 24.731, 15.052

Trichromacy



Original Color
40, 27.627, 47.670

Protanomaly
40, 18.881, 72.495

Deuteranomaly
40, 22.819, 63.512

Tritanomaly
40, 24.579, 27.171

Monochromacy



Original Color
40, 27.627, 47.670

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 9.128, 47.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 27.627, 47.670 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(132, 82, 62)` looks like.

```
.text, #text, p{  
    color:rgb(132, 82, 62)  
}
```

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(132, 82, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 82, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 27.627, 47.670 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(132, 82, 62) }
```

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

```
.border{ border-color:rgb(132, 82, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 82, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 82, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 82, 62);  
box-shadow:4px 4px 4px 4px rgb(132, 82,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 27.627, 47.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 82, 62) }
```

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

```
.background{ background-color: rgb(132, 82,  
62) }
```

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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