

Converting Colors

CIELCh(57, 41.168, 63.047)

Have a look what the booklet for
CIELCh(57, 41.168, 63.047) contains.

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Color

CIELCh(57, 41.097, 63.081)

Conversions

Conversions Part 1

Format	Color
Hex	B87B49
RGB	184, 123, 73
RGB Percent	72%, 48%, 29%
CMY	0.2775, 0.5168, 0.7129
CMYK	0.00, 0.33, 0.60, 0.28
HSL	27°, 44%, 50%
HSV	27°, 60%, 72%
XYZ	28.1438, 24.9227, 9.6656
YIQ	135.5390, 52.4060, -2.6180

Conversions

Conversions Part 2

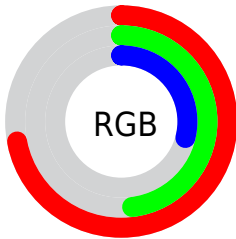
Format	Color
RYB	184, 164, 73
Decimal	12090185
CIELab	57.00, 18.61, 36.64
CIElCh	57, 41.097, 63.081
Yxy	24.9227, 0.4486, 0.3973
Android (android.graphics.Color)	4290280265 (0xFFB87B49)
YUV	135.5390, -30.8317, 42.5003
Hunter-Lab	49.9226, 13.2644, 23.4666

Details

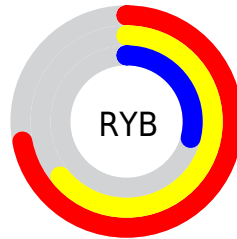
The CIELCh color **57, 41.097, 63.081** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **54, 32.486, 262.039**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 41.075, 63.307**, and **37, 41.061, 63.263** is the 20% darker color. If you saturate the color by 10%, you get **54, 48.904, 61.927**, and if you desaturate by 10%, it is **60, 33.425, 64.195**.

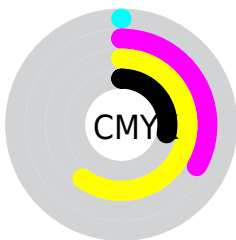
Distribution



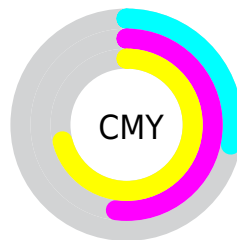
- Red (72%)
- Green (48%)
- Blue (29%)



- Red (72%)
- Yellow (64%)
- Blue (29%)



- Cyan (0%)
- Magenta (33%)
- Yellow (60%)
- Black (28%)



- Cyan (28%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 41.097, 63.081 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 57, 41.097, 63.081 by changing the saturation by 10% instead.

■ 57, 41.097, 63.081

■ 57, 41.097, 63.081

■ 100, 41.097,
63.081

■ 47, 41.097, 63.081

■ 77, 41.097, 63.081

■ 37, 41.097, 63.081

■ 87, 41.097, 63.081

■ 27, 41.097, 63.081

■ 97, 41.097, 63.081

■ 17, 41.097, 63.081

■ 7, 41.097, 63.081

■ 0, 41.097, 63.081

■ 57, 41.097, 63.081

■ 57, 41.097, 63.081

■ 54, 48.904, 61.927

■ 60, 33.425, 64.195

■ 52, 56.482, 60.600

■ 63, 26.053, 65.302

50, 63.127, 58.853

66, 19.042, 66.420

48, 68.293, 56.703

69, 12.401, 67.542

72, 6.112, 68.646

75, 0.150, 67.279

78, 5.520, 251.019

81, 10.928,
252.073

84, 16.105,
253.120

Harmonies

Complementary

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



57, 41.097, 63.081



54, 32.486, 262.039

Rectangle

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



57, 41.097, 63.081



57, 41.097, 113.081



57, 41.097, 243.081



57, 41.097, 293.081

Sweetspot

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



57, 41.096, 63.085



88, 13.565, 67.763



48, 52.503, 347.463



46, 9.496, 67.439



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



57, 41.096, 63.085



69, 62.333, 61.563



71, 54.384, 102.184



37, 3.354, 68.746



40, 60.058, 57.236



5, 8.713, 55.836

Inverse Universe

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



54, 32.486, 262.039



64, 47.042, 266.732



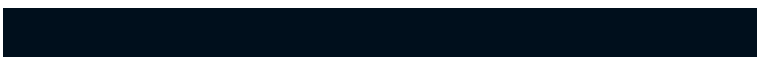
39, 64.075, 297.817



37, 3.259, 251.070



36, 44.604, 278.063



4, 9.752, 263.014

Previews

White Background



This preview shows how the CIELCh color 57, 41.097, 63.081 looks on a white background.

Color Contrast Check

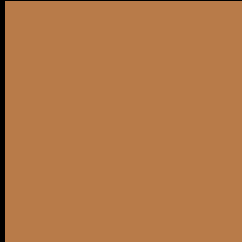
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 57, 41.097, 63.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

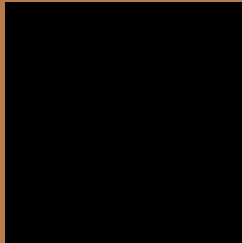
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 41.097, 63.081

Background



This preview shows how black text looks on a background with the CIELCh color 57, 41.097, 63.081.



This preview shows how white text looks on a background with the CIELCh color 57, 41.097, 63.081.

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

57, 41.097, 63.081

Protanopia

57, 33.533, 95.328

Deuteranopia

57, 37.634, 79.098



Tritanopia
57, 29.837, 13.335

Trichromacy



Original Color
57, 41.097, 63.081

Protanomaly
57, 34.787, 82.208

Deuteranomaly
57, 38.697, 72.833

Tritanomaly
57, 30.836, 35.063

Monochromacy



Original Color
57, 41.097, 63.081

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 14.257, 65.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 41.097, 63.081 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(184, 123, 73)` looks like.

```
.text, #text, p{  
    color:rgb(184, 123, 73)  
}
```

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(184, 123, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 123, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 41.097, 63.081 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(184, 123, 73) }
```

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

```
.border{ border-color:rgb(184, 123, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 123, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 123, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 123, 73);  
box-shadow:4px 4px 4px 4px rgb(184, 123,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 41.097, 63.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 123, 73) }
```

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

```
.background{ background-color: rgb(184,  
123, 73) }
```

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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