

Converting Colors

CIELCh(57, 39.342, 56.818)

Have a look what the booklet for
CIELCh(57, 39.342, 56.818) contains.

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Color

CIELCh(57, 39.342, 56.818)

Conversions

Conversions Part 1

Format	Color
Hex	BB7950
RGB	187, 121, 80
RGB Percent	73%, 47%, 31%
CMY	0.2655, 0.5245, 0.6853
CMYK	0.00, 0.35, 0.57, 0.27
HSL	23°, 44%, 52%
HSV	23°, 57%, 73%
XYZ	28.8916, 24.9227, 10.9248
YIQ	136.0600, 52.4970, 1.2410

Conversions

Conversions Part 2

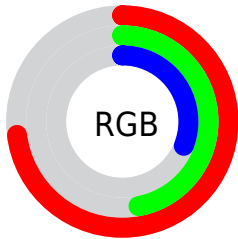
Format	Color
RYB	187, 146, 80
Decimal	12286288
CIELab	57.00, 21.53, 32.93
CIElCh	57, 39.342, 56.818
Yxy	24.9227, 0.4463, 0.3850
Android (android.graphics.Color)	4290476368 (0xFFBB7950)
YUV	136.0600, -27.6376, 44.6744
Hunter-Lab	49.9226, 15.9383, 21.9711

Details

The CIELCh color **57, 39.342, 56.818** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **58, 29.146, 252.091**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 39.339, 57.131**, and **37, 39.126, 56.837** is the 20% darker color. If you saturate the color by 10%, you get **54, 47.575, 56.075**, and if you desaturate by 10%, it is **60, 31.431, 57.592**.

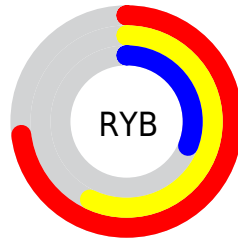
Distribution



Red (73%)

Green (47%)

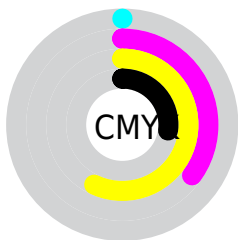
Blue (31%)



Red (73%)

Yellow (57%)

Blue (31%)

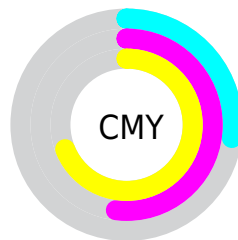


Cyan (0%)

Magenta (35%)

Yellow (57%)

Black (27%)



Cyan (27%)

Magenta (52%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 39.342, 56.818 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, 39.342, 56.818 by changing the saturation by 10% instead.

■ 57, 39.342, 56.818

■ 57, 39.342, 56.818

■ 100, 39.342,
56.818

■ 47, 39.342, 56.818

■ 77, 39.342, 56.818

■ 37, 39.342, 56.818

■ 87, 39.342, 56.818

■ 27, 39.342, 56.818

■ 97, 39.342, 56.818

■ 17, 39.342, 56.818

■ 7, 39.342, 56.818

■ 0, 39.342, 56.818

■ 57, 39.342, 56.818

■ 57, 39.342, 56.818

■ 54, 47.575, 56.075

■ 60, 31.431, 57.592

■ 51, 55.862, 55.260

■ 63, 23.950, 58.411

49, 63.614, 54.158

67, 16.925, 59.279

47, 69.906, 52.426

70, 10.344, 60.180

46, 71.653, 52.013

73, 4.176, 61.063

77, 1.618, 242.395

81, 7.078, 243.150

84, 12.242,
244.078

88, 17.147,
245.006

Harmonies

Complementary

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



57, 39.342, 56.818



58, 29.146, 252.091

Rectangle

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



57, 39.342, 56.818



57, 39.342, 106.818



57, 39.342, 236.818



57, 39.342, 286.818

Sweetspot

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



57, 39.341, 56.822



88, 12.639, 60.169



50, 53.401, 342.248



46, 8.579, 59.986



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



57, 39.341, 56.822



68, 60.692, 55.848



70, 49.117, 97.846



38, 3.352, 60.878



39, 62.941, 52.513



5, 10.105, 47.511

Inverse Universe

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



58, 29.146, 252.091



69, 41.721, 256.453



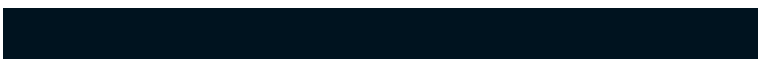
43, 55.458, 293.694



38, 3.224, 242.915



40, 39.501, 269.294



5, 10.304, 256.703

Previews

White Background



This preview shows how the CIELCh color 57, 39.342, 56.818 looks on a white background.

Color Contrast Check

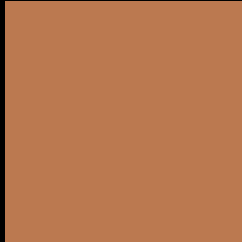
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.342, 56.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

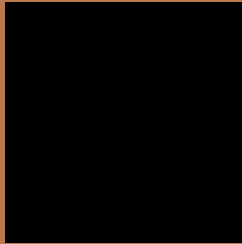
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 39.342, 56.818

Background



This preview shows how black text looks on a background with the CIELCh color 57, 39.342, 56.818.



This preview shows how white text looks on a background with the CIELCh color 57, 39.342, 56.818.

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, 39.342, 56.818

Protanopia

57, 29.211, 95.277

Deuteranopia

57, 34.478, 77.940



Tritanopia
57, 31.555, 15.130

Trichromacy



Original Color
57, 39.342, 56.818

Protanomaly
57, 30.801, 77.854

Deuteranomaly
57, 35.349, 69.171

Tritanomaly
57, 32.210, 32.746

Monochromacy



Original Color
57, 39.342, 56.818

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 13.337, 59.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 39.342, 56.818 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(187, 121, 80)` looks like.

```
.text, #text, p{  
    color:rgb(187, 121, 80)  
}
```

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(187, 121, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 121, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 39.342, 56.818 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(187, 121, 80) }
```

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

```
.border{ border-color:rgb(187, 121, 80) }
```

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

Here you see how a box with a 4 pixel rgb(187, 121, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 121, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 121, 80);  
box-shadow:4px 4px 4px 4px rgb(187, 121,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 39.342, 56.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 121, 80) }
```

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

```
.background{ background-color: rgb(187,  
121, 80) }
```

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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