

Converting Colors

CIELCh(57, 44.072, 56.796)

Have a look what the booklet for
CIELCh(57, 44.072, 56.796) contains.

CIELCh(57, 44.153, 56.773)	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(57, 44.153, 56.773)

Conversions

Conversions Part 1

Format	Color
Hex	C07749
RGB	192, 119, 73
RGB Percent	75%, 47%, 29%
CMY	0.2466, 0.5329, 0.7133
CMYK	0.00, 0.38, 0.62, 0.25
HSL	23°, 49%, 52%
HSV	23°, 62%, 75%
XYZ	29.5834, 24.9227, 9.5716
YIQ	135.5830, 58.2740, 1.1700

Conversions

Conversions Part 2

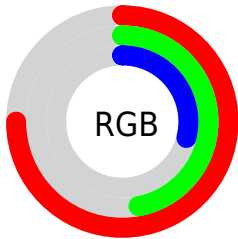
Format	Color
R_{YB}	192, 148, 73
Decimal	12613449
CIE _{Lab}	57.00, 24.19, 36.93
CIE _{LCh}	57, 44.153, 56.773
Yxy	24.9227, 0.4617, 0.3889
Android (android.graphics.Color)	4290803529 (0xFFC07749)
YUV	135.5830, -30.8534, 49.4777
Hunter-Lab	49.9226, 18.4118, 23.5783

Details

The CIELCh color **57, 44.153, 56.773** is a dark color, and the websafe version is hex **996633**. The color can be described as dark muted orange. A complement of this color would be **58, 31.908, 254.111**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 44.148, 56.869**, and **37, 44.148, 57.156** is the 20% darker color. If you saturate the color by 10%, you get **54, 52.613, 55.988**, and if you desaturate by 10%, it is **60, 35.909, 57.552**.

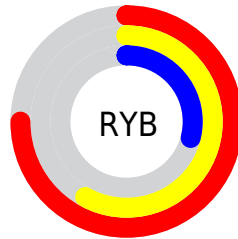
Distribution



Red (75%)

Green (47%)

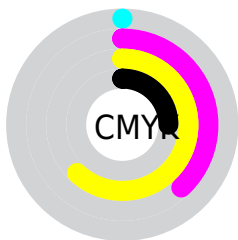
Blue (29%)



Red (75%)

Yellow (58%)

Blue (29%)

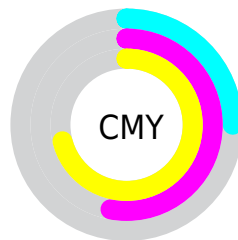


Cyan (0%)

Magenta (38%)

Yellow (62%)

Black (25%)



Cyan (25%)

Magenta (53%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 44.153, 56.773 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, 44.153, 56.773 by changing the saturation by 10% instead.

■ 57, 44.153, 56.773

■ 57, 44.153, 56.773

■ 100, 44.153,
56.773

■ 47, 44.153, 56.773

■ 77, 44.153, 56.773

■ 37, 44.153, 56.773

■ 87, 44.153, 56.773

■ 27, 44.153, 56.773

■ 97, 44.153, 56.773

■ 17, 44.153, 56.773

■ 7, 44.153, 56.773

■ 0, 44.153, 56.773

■ 57, 44.153, 56.773

■ 57, 44.153, 56.773

■ 54, 52.613, 55.988

■ 60, 35.909, 57.552

■ 51, 60.880, 55.042

■ 63, 28.061, 58.365

49, 68.121, 53.621

67, 20.668, 59.228

47, 72.930, 52.160

70, 13.736, 60.131

74, 7.239, 61.050

77, 1.141, 61.693

81, 4.598, 243.147

84, 10.018,
244.065

88, 15.157,
245.005

Harmonies

Complementary

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



57, 44.153, 56.773



58, 31.908, 254.111

Rectangle

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



57, 44.153, 56.773



57, 44.153, 106.773



57, 44.153, 236.773



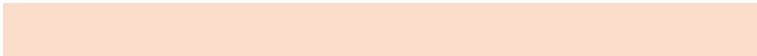
57, 44.153, 286.773

Sweetspot

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



57, 44.152, 56.777



90, 14.592, 60.375



50, 57.589, 343.801



47, 10.136, 60.110



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



57, 44.152, 56.777



68, 67.430, 55.710



72, 54.577, 98.313



39, 3.429, 61.281



40, 63.596, 52.679



6, 11.575, 46.423

Inverse Universe

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



58, 31.908, 254.111



69, 45.369, 258.990



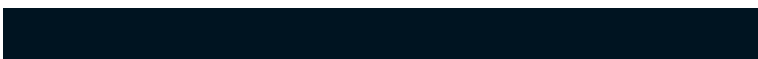
41, 63.214, 295.636



39, 3.299, 243.343



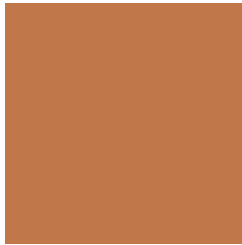
40, 40.274, 269.861



6, 11.364, 257.661

Previews

White Background



This preview shows how the CIELCh color 57, 44.153, 56.773 looks on a white background.

Color Contrast Check

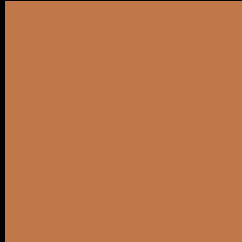
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44.153, 56.773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

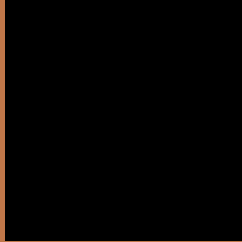
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 44.153, 56.773

Background



This preview shows how black text looks on a background with the CIELCh color 57, 44.153, 56.773.



This preview shows how white text looks on a background with the CIELCh color 57, 44.153, 56.773.

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, 44.153, 56.773

Protanopia

57, 32.917, 96.008

Deuteranopia

57, 38.351, 78.762



Tritanopia
57, 34.589, 15.400

Trichromacy



Original Color
57, 44.153, 56.773

Protanomaly
57, 34.286, 78.555

Deuteranomaly
57, 39.462, 70.327

Tritanomaly
57, 35.659, 33.087

Monochromacy



Original Color
57, 44.153, 56.773

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 14.821, 60.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 44.153, 56.773 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(192, 119, 73)` looks like.

```
.text, #text, p{  
    color:rgb(192, 119, 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(192, 119, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 119, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 44.153, 56.773 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(192, 119, 73) }
```

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

```
.border{ border-color:rgb(192, 119, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 119, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 119, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 119, 73);  
box-shadow:4px 4px 4px 4px rgb(192, 119,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 44.153, 56.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 119, 73) }
```

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

```
.background{ background-color: rgb(192,  
119, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor