

Converting Colors

CIELCh(57, 45.886, 62.991)

Have a look what the booklet for
CIELCh(57, 45.886, 62.991) contains.

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Color

CIELCh(57, 45.873, 62.947)

Conversions

Conversions Part 1

Format	Color
Hex	BD7941
RGB	189, 121, 65
RGB Percent	74%, 47%, 25%
CMY	0.2608, 0.5238, 0.7435
CMYK	0.00, 0.36, 0.65, 0.26
HSL	27°, 48%, 50%
HSV	27°, 65%, 74%
XYZ	28.7197, 24.9227, 8.3609
YIQ	134.9480, 58.5040, -3.0000

Conversions

Conversions Part 2

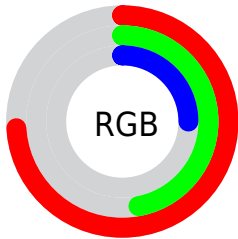
Format	Color
R _Y B	189, 167, 65
Decimal	12417345
CIE Lab	57.00, 20.86, 40.85
CIE LCh	57, 45.873, 62.947
Yxy	24.9227, 0.4632, 0.4020
Android (android.graphics.Color)	4290607425 (0xFFBD7941)
YUV	134.9480, -34.4844, 47.4036
Hunter-Lab	49.9226, 15.3235, 25.0161

Details

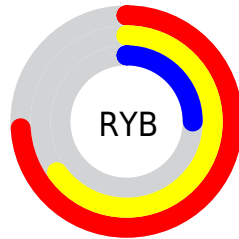
The CIELCh color **57, 45.873, 62.947** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **53, 35.783, 264.385**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 46.219, 62.682**, and **37, 45.993, 62.649** is the 20% darker color. If you saturate the color by 10%, you get **54, 53.739, 61.701**, and if you desaturate by 10%, it is **60, 37.975, 64.100**.

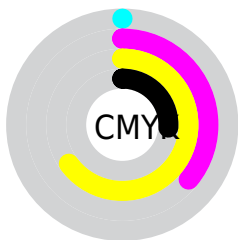
Distribution



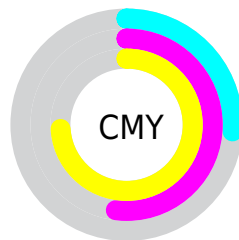
- Red (74%)
- Green (47%)
- Blue (25%)



- Red (74%)
- Yellow (65%)
- Blue (25%)



- Cyan (0%)
- Magenta (36%)
- Yellow (65%)
- Black (26%)



- Cyan (26%)
- Magenta (52%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 45.873, 62.947 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, 45.873, 62.947 by changing the saturation by 10% instead.

■ 57, 45.873, 62.947

■ 57, 45.873, 62.947

■ 100, 45.873,
62.947

■ 47, 45.873, 62.947

■ 77, 45.873, 62.947

■ 37, 45.873, 62.947

■ 87, 45.873, 62.947

■ 27, 45.873, 62.947

■ 97, 45.873, 62.947

■ 17, 45.873, 62.947

■ 7, 45.873, 62.947

■ 0, 45.873, 62.947

■ 57, 45.873, 62.947

■ 57, 45.873, 62.947

■ 54, 53.739, 61.701

■ 60, 37.975, 64.100

■ 52, 61.041, 60.170

■ 63, 30.308, 65.226

50, 66.869, 58.024

66, 22.978, 66.356

49, 69.333, 56.993

69, 16.019, 67.494

72, 9.426, 68.626

75, 3.176, 69.691

78, 2.762, 251.084

81, 8.420, 252.100

84, 13.830,
253.164

Harmonies

Complementary

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



57, 45.873, 62.947



53, 35.783, 264.385

Rectangle

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



57, 45.873, 62.947



57, 45.873, 112.947



57, 45.873, 242.947



57, 45.873, 292.947

Sweetspot

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



57, 45.872, 62.951



89, 15.448, 68.059



47, 56.920, 348.322



46, 10.617, 67.740



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, 45.872, 62.951



68, 69.047, 61.142



73, 59.220, 101.745



38, 3.439, 69.281



41, 60.664, 57.538



5, 10.031, 54.709

Inverse Universe

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



53, 35.783, 264.385



63, 51.753, 269.875



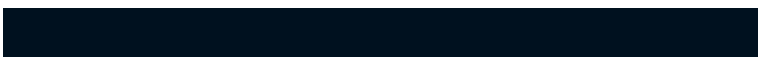
37, 71.330, 299.020



38, 3.344, 251.628



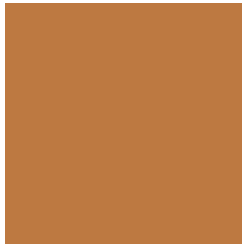
36, 45.631, 278.686



4, 11.046, 264.468

Previews

White Background



This preview shows how the CIELCh color 57, 45.873, 62.947 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, 45.873, 62.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

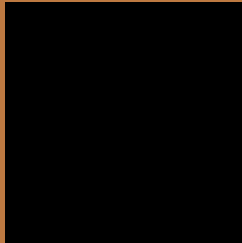
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 45.873, 62.947

Background



This preview shows how black text looks on a background with the CIELCh color 57, 45.873, 62.947.



This preview shows how white text looks on a background with the CIELCh color 57, 45.873, 62.947.

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, 46.224, 62.576

Protanopia

57, 37.143, 95.855

Deuteranopia

57, 42.378, 80.071



Tritanopia
57, 32.436, 15.488

Trichromacy



Original Color
57, 46.224, 62.576

Protanomaly
57, 38.420, 81.691

Deuteranomaly
57, 43.210, 73.683

Tritanomaly
57, 34.269, 36.922

Monochromacy



Original Color
57, 46.224, 62.576

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 15.461, 67.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 45.873, 62.947 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(189, 121, 65)` looks like.

```
.text, #text, p{  
    color:rgb(189, 121, 65)  
}
```

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(189, 121, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 121, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 45.873, 62.947 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(189, 121, 65) }
```

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

```
.border{ border-color:rgb(189, 121, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 121, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 121, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 121, 65);  
box-shadow:4px 4px 4px 4px rgb(189, 121,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 45.873, 62.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 121, 65) }
```

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

```
.background{ background-color: rgb(189,  
121, 65) }
```

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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