

Converting Colors

CIELCh(63, 41.809, 60.672)

Have a look what the booklet for
CIELCh(63, 41.809, 60.672) contains.

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Color

CIELCh(63, 41.809, 60.662)

Conversions

Conversions Part 1

Format	Color
Hex	CC8958
RGB	204, 137, 88
RGB Percent	80%, 54%, 35%
CMY	0.1985, 0.4614, 0.6537
CMYK	0.00, 0.33, 0.57, 0.20
HSL	25°, 53%, 57%
HSV	25°, 57%, 80%
XYZ	35.7732, 31.5869, 13.5127
YIQ	151.4470, 55.6610, -1.0350

Conversions

Conversions Part 2

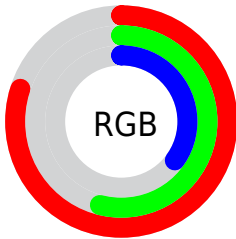
Format	Color
R _Y B	204, 173, 88
Decimal	13404504
CIE Lab	63.00, 20.48, 36.45
CIE LCh	63, 41.809, 60.662
Yxy	31.5869, 0.4423, 0.3906
Android (android.graphics.Color)	4291594584 (0xFFCC8958)
YUV	151.4470, -31.2794, 46.0890
Hunter-Lab	56.2022, 15.2627, 25.0865

Details

The CIELCh color **63, 41.809, 60.662** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **62, 32.390, 257.451**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 38.964, 64.400**, and **43, 41.896, 61.160** is the 20% darker color. If you saturate the color by 10%, you get **60, 50.433, 59.671**, and if you desaturate by 10%, it is **66, 33.462, 61.652**.

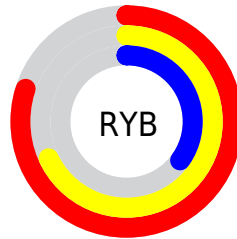
Distribution



Red (80%)

Green (54%)

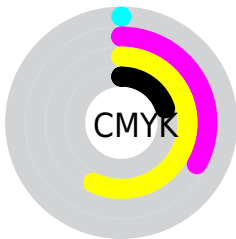
Blue (35%)



Red (80%)

Yellow (68%)

Blue (35%)

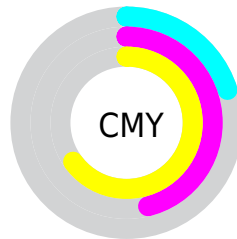


Cyan (0%)

Magenta (33%)

Yellow (57%)

Black (20%)



Cyan (20%)

Magenta (46%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 41.809, 60.662 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 63, 41.809, 60.662 by changing the saturation by 10% instead.

63, 41.809, 60.662

63, 41.809, 60.662

100, 41.809,
60.662

53, 41.809, 60.662

83, 41.809, 60.662

43, 41.809, 60.662

93, 41.809, 60.662

33, 41.809, 60.662

23, 41.809, 60.662

13, 41.809, 60.662

3, 41.809, 60.662

0, 41.809, 60.662

63, 41.809, 60.662

63, 41.809, 60.662

60, 50.433, 59.671

66, 33.462, 61.652

57, 59.029, 58.572

69, 25.522, 62.660

55, 66.949, 57.153

73, 18.023, 63.694

52, 73.162, 55.045

76, 10.958, 64.741

51, 75.009, 54.388

80, 4.300, 65.752

83, 1.989, 247.144

87, 7.948, 248.041

91, 13.615,
249.059

94, 14.072,
223.512

Harmonies

Complementary

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



63, 41.809, 60.662



62, 32.390, 257.451

Rectangle

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



63, 41.809, 60.662



63, 41.809, 110.662



63, 41.809, 240.662



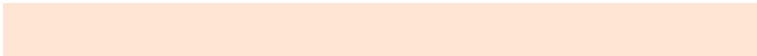
63, 41.809, 290.662

Sweetspot

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



63, 41.808, 60.666



93, 13.298, 64.696



54, 55.316, 345.023



49, 8.949, 64.483



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 41.808, 60.666



73, 61.730, 59.454



78, 54.601, 100.703



41, 3.617, 65.501



42, 63.906, 54.989



7, 14.536, 48.576

Inverse Universe

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



62, 32.390, 257.451



71, 45.191, 261.618



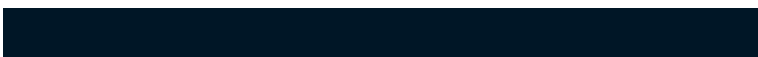
46, 62.842, 295.819



41, 3.497, 247.748



40, 44.357, 274.890



6, 13.733, 263.018

Previews

White Background



This preview shows how the CIELCh color 63, 41.809, 60.662 looks on a white background.

Color Contrast Check

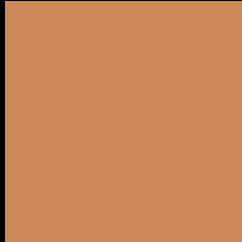
Large Text (above 18pt) WCAG AA × Fail

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 63, 41.809, 60.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

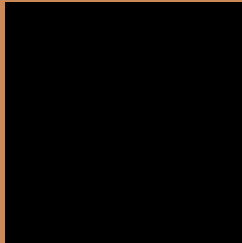
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 41.809, 60.662

Background



This preview shows how black text looks on a background with the CIELCh color 63, 41.809, 60.662.



This preview shows how white text looks on a background with the CIELCh color 63, 41.809, 60.662.

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

63, 41.809, 60.662

Protanopia

63, 32.982, 95.838

Deuteranopia

63, 37.616, 77.930



Tritanopia
63, 31.718, 13.015

Trichromacy



Original Color
63, 41.809, 60.662

Protanomaly
63, 34.267, 80.506

Deuteranomaly
63, 38.994, 71.313

Tritanomaly
63, 32.439, 33.204

Monochromacy



Original Color
63, 41.809, 60.662

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 14.206, 64.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 41.809, 60.662 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(204, 137, 88)` looks like.

```
.text, #text, p{  
    color:rgb(204, 137, 88)  
}
```

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(204, 137, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 137, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 41.809, 60.662 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(204, 137, 88) }
```

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

```
.border{ border-color:rgb(204, 137, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 137, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 137, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 137, 88);  
box-shadow:4px 4px 4px 4px rgb(204, 137,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 41.809, 60.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 137, 88) }
```

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

```
.background{ background-color: rgb(204,  
137, 88) }
```

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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