

Converting Colors

CIELCh(64, 39.936, 63.888)

Have a look what the booklet for
CIELCh(64, 39.936, 63.888) contains.

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Color

CIELCh(64, 39.834, 63.669)

Conversions

Conversions Part 1

Format	Color
Hex	CB8E5C
RGB	203, 142, 92
RGB Percent	80%, 56%, 36%
CMY	0.2040, 0.4432, 0.6393
CMYK	0.00, 0.30, 0.55, 0.20
HSL	27°, 52%, 58%
HSV	27°, 55%, 80%
XYZ	36.2192, 32.8017, 14.5413
YIQ	154.5390, 52.4060, -2.6180

Conversions

Conversions Part 2

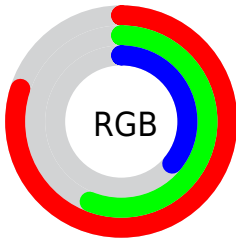
Format	Color
R _Y B	203, 183, 92
Decimal	13340252
CIE Lab	64.00, 17.67, 35.70
CIE LCh	64, 39.834, 63.669
Yxy	32.8017, 0.4334, 0.3925
Android (android.graphics.Color)	4291530332 (0xFFCB8E5C)
YUV	154.5390, -30.8317, 42.5003
Hunter-Lab	57.2727, 12.6558, 25.0374

Details

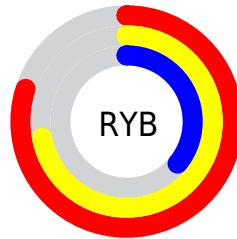
The CIELCh color **64, 39.834, 63.669** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **61, 32.174, 260.405**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 37.653, 67.148**, and **44, 40.064, 64.007** is the 20% darker color. If you saturate the color by 10%, you get **61, 48.236, 62.542**, and if you desaturate by 10%, it is **67, 31.691, 64.786**.

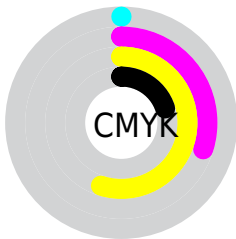
Distribution



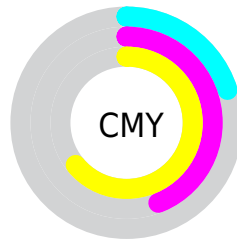
- Red (80%)
- Green (56%)
- Blue (36%)



- Red (80%)
- Yellow (72%)
- Blue (36%)



- Cyan (0%)
- Magenta (30%)
- Yellow (55%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 39.834, 63.669 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 64, 39.834, 63.669 by changing the saturation by 10% instead.

64, 39.834, 63.669

64, 39.834, 63.669

100, 39.834,
63.669

54, 39.834, 63.669

84, 39.834, 63.669

44, 39.834, 63.669

94, 39.834, 63.669

34, 39.834, 63.669

24, 39.834, 63.669

14, 39.834, 63.669

4, 39.834, 63.669

0, 39.834, 63.669

64, 39.834, 63.669

64, 39.834, 63.669

61, 48.236, 62.542

67, 31.691, 64.786

58, 56.630, 61.314

70, 23.919, 65.907

56, 64.452, 59.812

73, 16.550, 67.036

53, 70.725, 57.691

77, 9.576, 68.161

52, 73.535, 56.439

80, 2.971, 69.207

83, 3.299, 250.597

87, 9.270, 251.624

90, 14.974,
252.686

93, 14.360,
225.835

Harmonies

Complementary

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



64, 39.834, 63.669



61, 32.174, 260.405

Rectangle

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



64, 39.834, 63.669



64, 39.834, 113.669



64, 39.834, 243.669



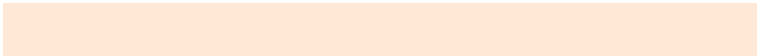
64, 39.834, 293.669

Sweetspot

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



64, 39.833, 63.673



94, 12.609, 67.991



55, 52.276, 346.669



49, 8.562, 67.757



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 39.833, 63.673



75, 59.493, 62.284



78, 53.982, 102.654



41, 3.660, 68.740



43, 63.013, 57.031



7, 14.433, 51.747

Inverse Universe

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



61, 32.174, 260.405



71, 45.783, 264.496



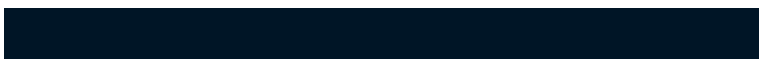
46, 62.292, 296.635



41, 3.555, 251.093



38, 46.962, 278.340



6, 14.230, 266.277

Previews

White Background



This preview shows how the CIELCh color 64, 39.834, 63.669 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 64, 39.834, 63.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

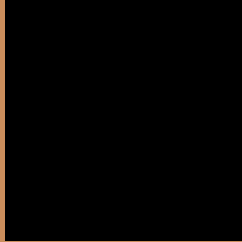
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 39.834, 63.669

Background



This preview shows how black text looks on a background with the CIELCh color 64, 39.834, 63.669.



This preview shows how white text looks on a background with the CIELCh color 64, 39.834, 63.669.

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

64, 39.834, 63.669

Protanopia

64, 32.488, 95.037

Deuteranopia

64, 36.807, 76.804



Tritanopia
64, 29.565, 10.899

Trichromacy



Original Color
64, 39.834, 63.669

Protanomaly
64, 33.719, 81.947

Deuteranomaly
64, 37.808, 72.108

Tritanomaly
64, 29.837, 34.818

Monochromacy



Original Color
64, 39.834, 63.669

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 13.559, 67.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 39.834, 63.669 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(203, 142, 92)` looks like.

```
.text, #text, p{  
    color:rgb(203, 142, 92)  
}
```

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(203, 142, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 142, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 39.834, 63.669 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(203, 142, 92) }
```

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

```
.border{ border-color:rgb(203, 142, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 142, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 142, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 142, 92);  
box-shadow:4px 4px 4px 4px rgb(203, 142,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 39.834, 63.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 142, 92) }
```

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

```
.background{ background-color: rgb(203,  
142, 92) }
```

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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