

Converting Colors

CIELCh(63, 32.322, 41.435)

Have a look what the booklet for
CIELCh(63, 32.322, 41.435) contains.

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Color

CIELCh(63, 32.510, 40.797)

Conversions

Conversions Part 1

Format	Color
Hex	CD8774
RGB	205, 135, 116
RGB Percent	80%, 53%, 45%
CMY	0.1959, 0.4704, 0.5449
CMYK	0.00, 0.34, 0.43, 0.20
HSL	13°, 47%, 63%
HSV	13°, 43%, 80%
XYZ	37.0139, 31.5869, 20.6810
YIQ	153.7640, 47.8190, 8.9310

Conversions

Conversions Part 2

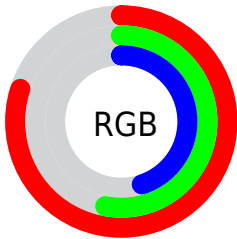
Format	Color
R _Y B	205, 140, 116
Decimal	13469556
CIE Lab	63.00, 24.61, 21.24
CIE LCh	63, 32.510, 40.797
Yxy	31.5869, 0.4146, 0.3538
Android (android.graphics.Color)	4291659636 (0xFFCD8774)
YUV	153.7640, -18.6177, 44.9340
Hunter-Lab	56.2022, 19.2033, 17.5243

Details

The CIELCh color **63, 32.510, 40.797** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72, 23.727, 224.029**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 28.983, 43.431**, and **43, 32.233, 41.067** is the 20% darker color. If you saturate the color by 10%, you get **59, 41.621, 41.188**, and if you desaturate by 10%, it is **67, 24.009, 40.614**.

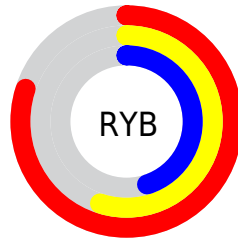
Distribution



Red (80%)

Green (53%)

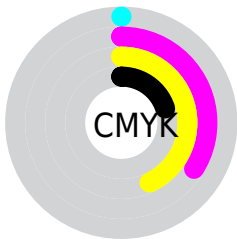
Blue (45%)



Red (80%)

Yellow (55%)

Blue (45%)

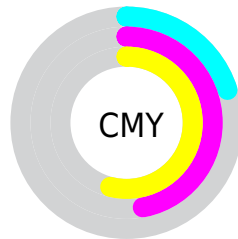


Cyan (0%)

Magenta (34%)

Yellow (43%)

Black (20%)



Cyan (20%)

Magenta (47%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 32.510, 40.797 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, 32.510, 40.797 by changing the saturation by 10% instead.

63, 32.510, 40.797

63, 32.510, 40.797

100, 32.510,
40.797

53, 32.510, 40.797

83, 32.510, 40.797

43, 32.510, 40.797

93, 32.510, 40.797

33, 32.510, 40.797

23, 32.510, 40.797

13, 32.510, 40.797

3, 32.510, 40.797

0, 32.510, 40.797

63, 32.510, 40.797

63, 32.510, 40.797

59, 41.621, 41.188

67, 24.009, 40.614

55, 51.260, 41.792

72, 16.137, 40.590

52, 61.207, 42.578

76, 8.870, 40.683

49, 70.957, 43.378

81, 2.164, 40.714

47, 79.399, 43.731

86, 4.034, 221.403

45, 83.912, 43.754

90, 9.778, 221.676

95, 14.551,
213.115

97, 16.548,
198.407

Harmonies

Complementary

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



63, 32.510, 40.797



72, 23.727, 224.029

Rectangle

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



63, 32.510, 40.797



63, 32.510, 90.797



63, 32.510, 220.797



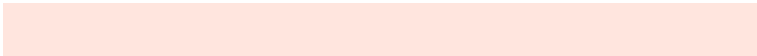
63, 32.510, 270.797

Sweetspot

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



63, 32.508, 40.802



93, 10.255, 40.686



61, 50.082, 333.381



48, 7.242, 40.658



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, 32.508, 40.802



73, 48.228, 41.152



74, 35.340, 88.116



41, 3.676, 40.734



37, 71.262, 44.144



5, 15.904, 31.413

Inverse Universe

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



72, 23.727, 224.029



85, 32.414, 225.322



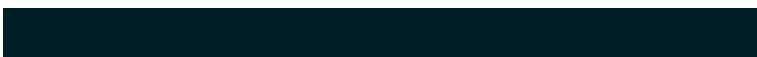
60, 35.762, 281.044



42, 3.471, 221.480



50, 32.041, 238.137



10, 11.737, 228.621

Previews

White Background



This preview shows how the CIELCh color 63, 32.510, 40.797 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, 32.510, 40.797 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, 32.510, 40.797

Background



This preview shows how black text looks on a background with the CIELCh color 63, 32.510, 40.797.



This preview shows how white text looks on a background with the CIELCh color 63, 32.510, 40.797.

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, 32.510, 40.797

Protanopia

63, 16.528, 95.349

Deuteranopia

63, 23.427, 70.901



Tritanopia
63, 31.312, 12.832

Trichromacy



Original Color
63, 32.510, 40.797

Protanomaly
63, 19.617, 64.950

Deuteranomaly
63, 25.601, 57.726

Tritanomaly
63, 30.860, 22.684

Monochromacy



Original Color
63, 32.510, 40.797

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 11.246, 40.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 32.510, 40.797 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(205, 135, 116)` looks like.

```
.text, #text, p{  
    color:rgb(205, 135, 116)  
}
```

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(205, 135, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 135, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 32.510, 40.797 is called "border". The border property can be set on classes, ids or directly on the HTML element.

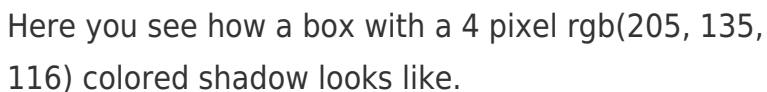
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 135, 116) }
```

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

```
.border{ border-color:rgb(205, 135, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 135, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 135, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 135, 116); box-shadow:4px 4px 4px 4px rgb(205, 135, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 32.510, 40.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 135, 116) }
```

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

```
.background{ background-color: rgb(205,  
135, 116) }
```

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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