

Converting Colors

CIELCh(63, 32.542, 60.646)

Have a look what the booklet for
CIELCh(63, 32.542, 60.646) contains.

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Color

CIELCh(63, 32.490, 60.663)

Conversions

Conversions Part 1

Format	Color
Hex	C38D67
RGB	195, 141, 103
RGB Percent	76%, 55%, 40%
CMY	0.2357, 0.4474, 0.5964
CMYK	0.00, 0.28, 0.47, 0.24
HSL	25°, 43%, 58%
HSV	25°, 47%, 76%
XYZ	34.4327, 31.5869, 17.0898
YIQ	152.8140, 44.3820, -0.3700

Conversions

Conversions Part 2

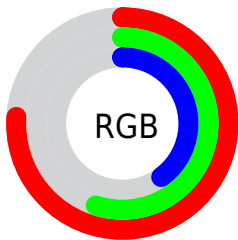
Format	Color
RYB	195, 168, 103
Decimal	12815719
CIELab	63.00, 15.92, 28.32
CIElCh	63, 32.490, 60.663
Yxy	31.5869, 0.4143, 0.3801
Android (android.graphics.Color)	4291005799 (0xFFC38D67)
YUV	152.8140, -24.5583, 36.9971
Hunter-Lab	56.2022, 11.0055, 21.3129

Details

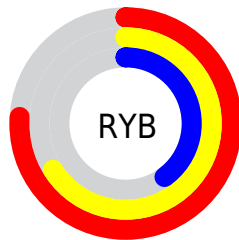
The CIELCh color **63, 32.490, 60.663** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **62, 26.203, 253.463**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 32.148, 60.894**, and **43, 32.649, 61.085** is the 20% darker color. If you saturate the color by 10%, you get **60, 40.559, 59.732**, and if you desaturate by 10%, it is **66, 24.821, 61.632**.

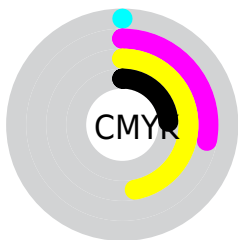
Distribution



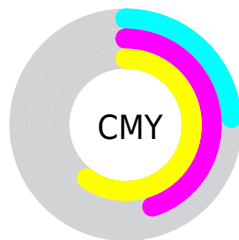
- Red (76%)
- Green (55%)
- Blue (40%)



- Red (76%)
- Yellow (66%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (47%)
- Black (24%)



- Cyan (24%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 32.490, 60.663 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, 32.490, 60.663 by changing the saturation by 10% instead.

63, 32.490, 60.663

63, 32.490, 60.663

100, 32.490,
60.663

53, 32.490, 60.663

83, 32.490, 60.663

43, 32.490, 60.663

93, 32.490, 60.663

33, 32.490, 60.663

23, 32.490, 60.663

13, 32.490, 60.663

3, 32.490, 60.663

0, 32.490, 60.663

63, 32.490, 60.663

63, 32.490, 60.663

60, 40.559, 59.732

66, 24.821, 61.632

57, 48.908, 58.793

69, 17.588, 62.627

54, 57.243, 57.755

73, 10.783, 63.639

52, 64.938, 56.400

76, 4.377, 64.625

49, 71.040, 54.385

80, 1.665, 246.024

49, 72.681, 53.872

83, 7.382, 246.864

87, 12.812,
247.861

90, 16.654,
243.863

93, 16.808,
218.606

Harmonies

Complementary

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



63, 32.490, 60.663



62, 26.203, 253.463

Rectangle

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



63, 32.490, 60.663



63, 32.490, 110.663



63, 32.490, 240.663



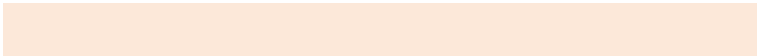
63, 32.490, 290.663

Sweetspot

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



63, 32.489, 60.668



93, 10.732, 63.941



56, 45.602, 342.867



49, 7.520, 63.718



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, 32.489, 60.668



76, 49.965, 59.668



75, 43.666, 100.797



39, 3.455, 64.421



40, 62.706, 54.444



6, 11.515, 48.970

Inverse Universe

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



62, 26.203, 253.463



75, 38.116, 256.500



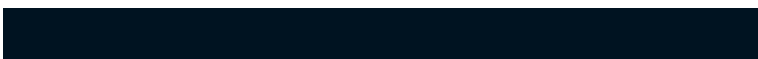
50, 48.330, 292.943



39, 3.337, 246.615



39, 42.455, 273.543



5, 11.678, 260.844

Previews

White Background



This preview shows how the CIELCh color 63, 32.490, 60.663 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, 32.490, 60.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

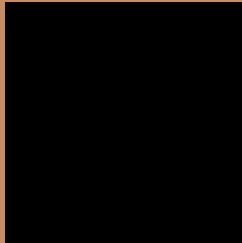
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 32.490, 60.663

Background



This preview shows how black text looks on a background with the CIELCh color 63, 32.490, 60.663.



This preview shows how white text looks on a background with the CIELCh color 63, 32.490, 60.663.

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, 32.490, 60.663

Protanopia

63, 25.409, 95.741

Deuteranopia

63, 29.692, 74.227



Tritanopia
63, 26.370, 9.023

Trichromacy



Original Color
63, 32.490, 60.663

Protanomaly
63, 26.748, 81.505

Deuteranomaly
63, 30.521, 69.190

Tritanomaly
63, 25.984, 30.416

Monochromacy



Original Color
63, 32.490, 60.663

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 11.023, 64.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 32.490, 60.663 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(195, 141, 103)` looks like.

```
.text, #text, p{  
    color:rgb(195, 141, 103)  
}
```

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(195, 141, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 141, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 32.490, 60.663 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(195, 141, 103) }
```

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

```
.border{ border-color:rgb(195, 141, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 141, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 141, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 141, 103);  
box-shadow:4px 4px 4px 4px rgb(195, 141,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 32.490, 60.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 141, 103) }
```

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

```
.background{ background-color: rgb(195,  
141, 103) }
```

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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