

Converting Colors

CIELCh(63, 33.556, 52.472)

Have a look what the booklet for
CIELCh(63, 33.556, 52.472) contains.

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Color

CIELCh(63, 33.639, 52.825)

Conversions

Conversions Part 1

Format	Color
Hex	C98A6A
RGB	201, 138, 106
RGB Percent	79%, 54%, 42%
CMY	0.2122, 0.4592, 0.5847
CMYK	0.00, 0.31, 0.47, 0.21
HSL	20°, 47%, 60%
HSV	20°, 47%, 79%
XYZ	35.7261, 31.5869, 17.8223
YIQ	153.1890, 47.8200, 3.4040

Conversions

Conversions Part 2

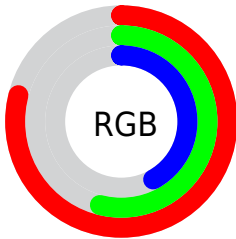
Format	Color
R _Y B	201, 154, 106
Decimal	13208170
CIE Lab	63.00, 20.33, 26.80
CIE LCh	63, 33.639, 52.825
Yxy	31.5869, 0.4196, 0.3710
Android (android.graphics.Color)	4291398250 (0xFFC98A6A)
YUV	153.1890, -23.2642, 41.9302
Hunter-Lab	56.2022, 15.1132, 20.5401

Details

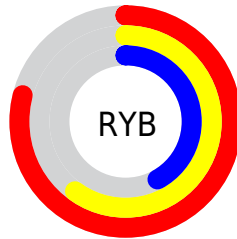
The CIELCh color **63, 33.639, 52.825** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **66, 25.416, 242.880**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 31.743, 54.770**, and **43, 33.554, 53.438** is the 20% darker color. If you saturate the color by 10%, you get **60, 42.222, 52.354**, and if you desaturate by 10%, it is **67, 25.566, 53.393**.

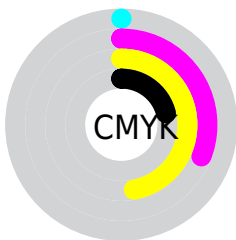
Distribution



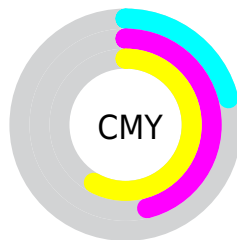
- Red (79%)
- Green (54%)
- Blue (42%)



- Red (79%)
- Yellow (60%)
- Blue (42%)



- Cyan (0%)
- Magenta (31%)
- Yellow (47%)
- Black (21%)



- Cyan (21%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 33.639, 52.825 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, 33.639, 52.825 by changing the saturation by 10% instead.

63, 33.639, 52.825

63, 33.639, 52.825

100, 33.639,
52.825

53, 33.639, 52.825

83, 33.639, 52.825

43, 33.639, 52.825

93, 33.639, 52.825

33, 33.639, 52.825

23, 33.639, 52.825

13, 33.639, 52.825

3, 33.639, 52.825

0, 33.639, 52.825

63, 33.639, 52.825

63, 33.639, 52.825

60, 42.222, 52.354

67, 25.566, 53.393

56, 51.209, 51.943

70, 18.030, 54.038

53, 60.309, 51.505

74, 11.013, 54.742

51, 68.874, 50.801

78, 4.477, 55.449

48, 75.803, 49.424

82, 1.622, 236.664

48, 77.590, 49.117

86, 7.332, 237.255

90, 12.699,
238.058

94, 15.179,
219.649

96, 17.831,
198.325

Harmonies

Complementary

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



63, 33.639, 52.825



66, 25.416, 242.880

Rectangle

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



63, 33.639, 52.825



63, 33.639, 102.825



63, 33.639, 232.825



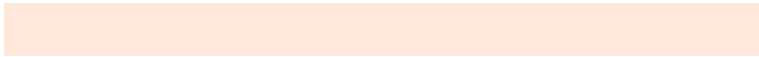
63, 33.639, 282.825

Sweetspot

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



63, 33.638, 52.830



93, 10.707, 54.965



58, 48.809, 339.496



49, 7.450, 54.807



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, 33.638, 52.830



74, 51.080, 52.332



75, 42.290, 96.920



40, 3.484, 55.309



39, 66.138, 49.660



6, 13.379, 40.869

Inverse Universe

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



66, 25.416, 242.880



79, 35.817, 245.566



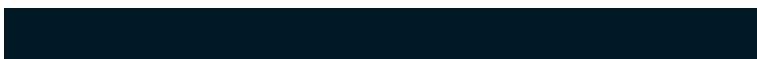
53, 45.766, 289.855



40, 3.329, 237.068



43, 37.135, 262.148



7, 11.704, 250.857

Previews

White Background



This preview shows how the CIELCh color 63, 33.639, 52.825 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, 33.639, 52.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

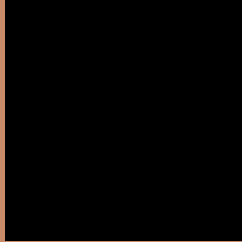
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 33.639, 52.825

Background



This preview shows how black text looks on a background with the CIELCh color 63, 33.639, 52.825.



This preview shows how white text looks on a background with the CIELCh color 63, 33.639, 52.825.

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, 33.639, 52.825

Protanopia

63, 23.177, 96.020

Deuteranopia

63, 28.746, 73.242



Tritanopia
63, 29.209, 11.808

Trichromacy



Original Color
63, 33.639, 52.825

Protanomaly
63, 24.744, 77.414

Deuteranomaly
63, 30.039, 64.446

Tritanomaly
63, 28.752, 27.754

Monochromacy



Original Color
63, 33.639, 52.825

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 11.220, 56.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 33.639, 52.825 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(201, 138, 106)` looks like.

```
.text, #text, p{  
    color:rgb(201, 138, 106)  
}
```

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(201, 138, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 138, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 33.639, 52.825 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(201, 138, 106) }
```

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

```
.border{ border-color:rgb(201, 138, 106) }
```

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

Here you see how a box with a 4 pixel rgb(201, 138, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 138, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 138, 106);  
box-shadow:4px 4px 4px 4px rgb(201, 138,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 33.639, 52.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 138, 106) }
```

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

```
.background{ background-color: rgb(201,  
138, 106) }
```

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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