

Converting Colors

CIELCh(63, 49.395, 63.334)

Have a look what the booklet for
CIELCh(63, 49.395, 63.334) contains.

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Color

CIELCh(63, 49.322, 63.369)

Conversions

Conversions Part 1

Format	Color
Hex	D1884A
RGB	209, 136, 74
RGB Percent	82%, 53%, 29%
CMY	0.1811, 0.4672, 0.7104
CMYK	0.00, 0.35, 0.65, 0.18
HSL	28°, 59%, 55%
HSV	28°, 65%, 82%
XYZ	36.2580, 31.5869, 10.6389
YIQ	150.7590, 63.4100, -3.8060

Conversions

Conversions Part 2

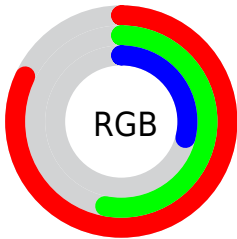
Format	Color
RYB	209, 189, 74
Decimal	13731914
CIELab	63.00, 22.11, 44.09
CIElCh	63, 49.322, 63.369
Yxy	31.5869, 0.4620, 0.4025
Android (android.graphics.Color)	4291921994 (0xFFD1884A)
YUV	150.7590, -37.8422, 51.0774
Hunter-Lab	56.2022, 16.8024, 28.1182

Details

The CIELCh color **63, 49.322, 63.369** 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 **59, 38.730, 264.817**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 44.750, 68.958**, and **43, 49.241, 63.597** is the 20% darker color. If you saturate the color by 10%, you get **60, 57.846, 62.096**, and if you desaturate by 10%, it is **66, 40.762, 64.547**.

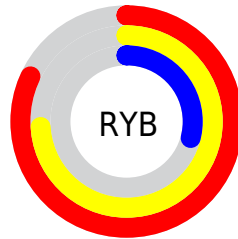
Distribution



Red (82%)

Green (53%)

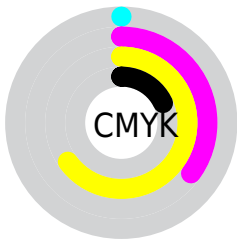
Blue (29%)



Red (82%)

Yellow (74%)

Blue (29%)

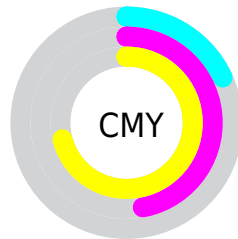


Cyan (0%)

Magenta (35%)

Yellow (65%)

Black (18%)



Cyan (18%)

Magenta (47%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 49.322, 63.369 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, 49.322, 63.369 by changing the saturation by 10% instead.

63, 49.322, 63.369

63, 49.322, 63.369

100, 49.322,
63.369

53, 49.322, 63.369

83, 49.322, 63.369

43, 49.322, 63.369

93, 49.322, 63.369

33, 49.322, 63.369

23, 49.322, 63.369

13, 49.322, 63.369

3, 49.322, 63.369

0, 49.322, 63.369

63, 49.322, 63.369

63, 49.322, 63.369

60, 57.846, 62.096

66, 40.762, 64.547

58, 65.751, 60.537

69, 32.450, 65.697

55, 72.039, 58.354

72, 24.503, 66.849

54, 74.826, 57.031

75, 16.955, 68.006

79, 9.803, 69.156

82, 3.019, 70.222

86, 3.429, 251.625

89, 9.576, 252.669

92, 12.948,
243.588

Harmonies

Complementary

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



63, 49.322, 63.369



59, 38.730, 264.817

Rectangle

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



63, 49.322, 63.369



63, 49.322, 113.369



63, 49.322, 243.369



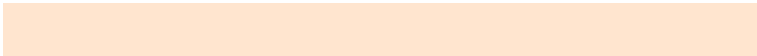
63, 49.322, 293.369

Sweetspot

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



63, 49.321, 63.373



92, 15.156, 68.631



52, 61.286, 348.282



48, 10.513, 68.297



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, 49.321, 63.373



71, 71.318, 61.481



80, 63.747, 101.764



42, 3.752, 69.739



44, 63.478, 57.651



8, 15.764, 53.615

Inverse Universe

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



59, 38.730, 264.817



65, 53.852, 270.456



41, 76.706, 298.966



42, 3.649, 252.126



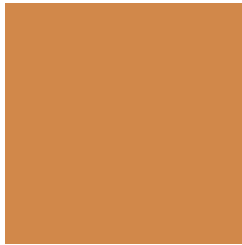
38, 48.408, 279.422



7, 15.332, 267.920

Previews

White Background



This preview shows how the CIELCh color 63, 49.322, 63.369 looks on a white background.

Color Contrast Check

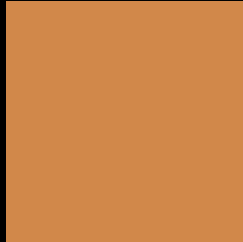
Large Text (above 18pt) WCAG AA × Fail

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, 49.322, 63.369 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, 49.322, 63.369

Background



This preview shows how black text looks on a background with the CIELCh color 63, 49.322, 63.369.



This preview shows how white text looks on a background with the CIELCh color 63, 49.322, 63.369.

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, 49.322, 63.369

Protanopia

63, 40.806, 95.588

Deuteranopia

63, 45.181, 79.140



Tritanopia
63, 35.100, 14.454

Trichromacy



Original Color
63, 49.322, 63.369

Protanomaly
63, 41.971, 82.899

Deuteranomaly
63, 46.050, 73.277

Tritanomaly
63, 36.212, 36.707

Monochromacy



Original Color
63, 49.322, 63.369

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 16.847, 66.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 49.322, 63.369 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(209, 136, 74)` looks like.

```
.text, #text, p{  
    color:rgb(209, 136, 74)  
}
```

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(209, 136, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 136, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 49.322, 63.369 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(209, 136, 74) }
```

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

```
.border{ border-color:rgb(209, 136, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 136, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 136, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 136, 74);  
box-shadow:4px 4px 4px 4px rgb(209, 136,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 49.322, 63.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 136, 74) }
```

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

```
.background{ background-color: rgb(209,  
136, 74) }
```

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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