

Converting Colors

CIELCh(61, 49.971, 45.676)

Have a look what the booklet for
CIELCh(61, 49.971, 45.676) contains.

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Color

CIELCh(61, 49.645, 45.847)

Conversions

Conversions Part 1

Format	Color
Hex	DA7956
RGB	218, 121, 86
RGB Percent	85%, 47%, 34%
CMY	0.1451, 0.5255, 0.6628
CMYK	0.00, 0.44, 0.61, 0.15
HSL	16°, 64%, 60%
HSV	16°, 61%, 85%
XYZ	37.4259, 29.2481, 12.4754
YIQ	146.0130, 69.0470, 9.6790

Conversions

Conversions Part 2

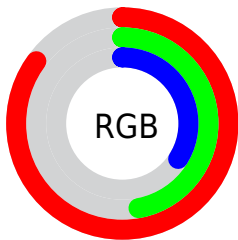
Format	Color
R _Y B	218, 134, 86
Decimal	14317910
CIE Lab	61.00, 34.58, 35.62
CIE LCh	61, 49.645, 45.847
Yxy	29.2481, 0.4729, 0.3695
Android (android.graphics.Color)	4292507990 (0xFFDA7956)
YUV	146.0130, -29.5864, 63.1326
Hunter-Lab	54.0815, 28.8842, 24.1802

Details

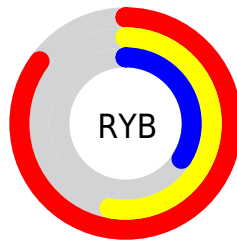
The CIELCh color **61, 49.645, 45.847** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **70, 31.881, 235.109**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 40.388, 51.902**, and **41, 49.647, 45.836** is the 20% darker color. If you saturate the color by 10%, you get **57, 59.781, 46.089**, and if you desaturate by 10%, it is **65, 39.916, 45.741**.

Distribution



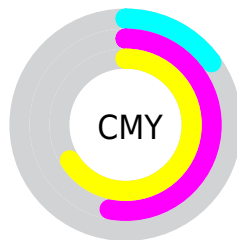
- Red (85%)
- Green (47%)
- Blue (34%)



- Red (85%)
- Yellow (53%)
- Blue (34%)



- Cyan (0%)
- Magenta (44%)
- Yellow (61%)
- Black (15%)



- Cyan (15%)
- Magenta (53%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 49.645, 45.847 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 61, 49.645, 45.847 by changing the saturation by 10% instead.

61, 49.645, 45.847

61, 49.645, 45.847

100, 49.645,
45.847

51, 49.645, 45.847

81, 49.645, 45.847

41, 49.645, 45.847

91, 49.645, 45.847

31, 49.645, 45.847

21, 49.645, 45.847

11, 49.645, 45.847

1, 49.645, 45.847

0, 49.645, 45.847

61, 49.645, 45.847

61, 49.645, 45.847

57, 59.781, 46.089

65, 39.916, 45.741

54, 69.908, 46.328

69, 30.772, 45.789

52, 79.083, 46.215

73, 22.263, 45.982

49, 85.867, 45.536

78, 14.383, 46.292

82, 7.097, 46.672

87, 0.354, 45.669

91, 5.903, 227.878

96, 10.825,
214.991

97, 12.453,
198.674

Harmonies

Complementary

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



61, 49.645, 45.847



70, 31.881, 235.109

Rectangle

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



61, 49.645, 45.847



61, 49.645, 95.847



61, 49.645, 225.847



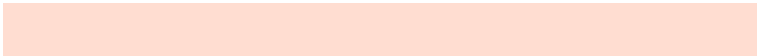
61, 49.645, 275.847

Sweetspot

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



61, 49.643, 45.851



91, 14.171, 46.379



57, 68.005, 336.863



47, 9.963, 46.272



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 49.643, 45.851



66, 70.859, 46.173



76, 53.532, 89.534



44, 3.820, 46.714



39, 71.978, 46.007



8, 20.122, 35.842

Inverse Universe

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



70, 31.881, 235.109



78, 40.549, 238.898



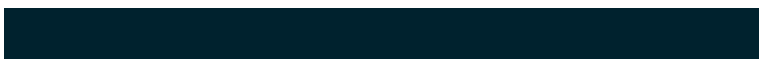
52, 57.429, 288.732



45, 3.619, 227.921



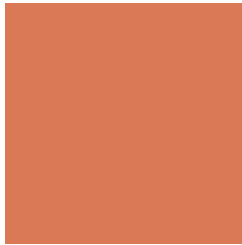
50, 34.835, 249.105



11, 13.367, 239.589

Previews

White Background



This preview shows how the CIELCh color 61, 49.645, 45.847 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 49.645, 45.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

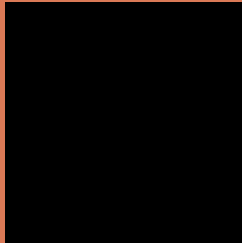
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 49.645, 45.847

Background



This preview shows how black text looks on a background with the CIELCh color 61, 49.645, 45.847.

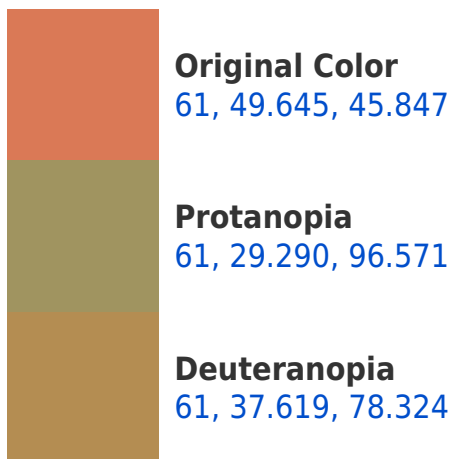


This preview shows how white text looks on a background with the CIELCh color 61, 49.645, 45.847.

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





Tritanopia
61, 43.606, 18.969

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 49.645, 45.847 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(218, 121, 86)` looks like.

```
.text, #text, p{  
    color:rgb(218, 121, 86)  
}
```

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(218, 121, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 121, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 49.645, 45.847 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(218, 121, 86) }
```

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

```
.border{ border-color:rgb(218, 121, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 121, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 121, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 121, 86);  
box-shadow:4px 4px 4px 4px rgb(218, 121,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 49.645, 45.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 121, 86) }
```

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

```
.background{ background-color: rgb(218,  
121, 86) }
```

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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