

Converting Colors

CIELCh(61, 55.906, 49.664)

Have a look what the booklet for
CIELCh(61, 55.906, 49.664) contains.

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Color

CIELCh(61, 56.036, 49.537)

Conversions

Conversions Part 1

Format	Color
Hex	DE7749
RGB	222, 119, 73
RGB Percent	87%, 47%, 29%
CMY	0.1289, 0.5329, 0.7134
CMYK	0.00, 0.46, 0.67, 0.13
HSL	19°, 69%, 58%
HSV	19°, 67%, 87%
XYZ	37.9750, 29.2481, 9.9634
YIQ	144.5530, 76.1540, 7.5300

Conversions

Conversions Part 2

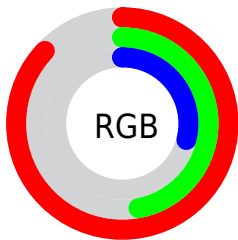
Format	Color
R_{YB}	222, 140, 73
Decimal	14579529
CIE _{Lab}	61.00, 36.36, 42.63
CIE _{LCh}	61, 56.036, 49.537
Yxy	29.2481, 0.4920, 0.3789
Android (android.graphics.Color)	4292769609 (0xFFDE7749)
YUV	144.5530, -35.2756, 67.9210
Hunter-Lab	54.0815, 30.6964, 26.9342

Details

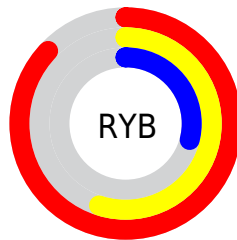
The CIELCh color **61, 56.036, 49.537** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **68, 35.450, 244.114**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 45.170, 56.718**, and **41, 55.744, 49.369** is the 20% darker color. If you saturate the color by 10%, you get **58, 66.110, 49.361**, and if you desaturate by 10%, it is **65, 46.106, 49.723**.

Distribution



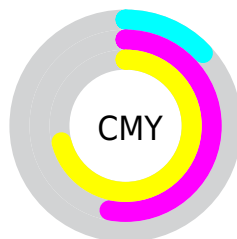
- Red (87%)
- Green (47%)
- Blue (29%)



- Red (87%)
- Yellow (55%)
- Blue (29%)



- Cyan (0%)
- Magenta (46%)
- Yellow (67%)
- Black (13%)



- Cyan (13%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 56.036, 49.537 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, 56.036, 49.537 by changing the saturation by 10% instead.

61, 56.036, 49.537

61, 56.036, 49.537

100, 56.036,
49.537

51, 56.036, 49.537

81, 56.036, 49.537

41, 56.036, 49.537

91, 56.036, 49.537

31, 56.036, 49.537

21, 56.036, 49.537

11, 56.036, 49.537

1, 56.036, 49.537

0, 56.036, 49.537

61, 56.036, 49.537

61, 56.036, 49.537

58, 66.110, 49.361

65, 46.106, 49.723

55, 75.605, 48.932

68, 36.645, 50.000

52, 83.179, 47.765

72, 27.772, 50.390

52, 85.163, 47.449

77, 19.514, 50.884

81, 11.849, 51.455

85, 4.735, 52.040

90, 1.880, 233.143

94, 8.050, 233.651

98, 11.115,
198.764

Harmonies

Complementary

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



61, 56.036, 49.537



68, 35.450, 244.114

Rectangle

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



61, 56.036, 49.537



61, 56.036, 99.537



61, 56.036, 229.537



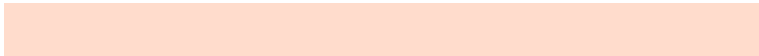
61, 56.036, 279.537

Sweetspot

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



61, 56.034, 49.540



90, 15.689, 51.274



56, 72.056, 339.993



47, 10.820, 51.111



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, 56.034, 49.540



64, 78.309, 49.222



78, 61.674, 92.265



45, 3.857, 51.910



41, 71.148, 47.976



9, 20.885, 40.521

Inverse Universe

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



68, 35.450, 244.114



73, 44.551, 249.599



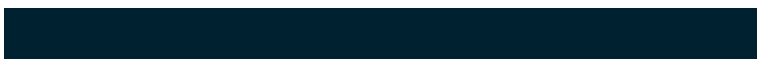
47, 69.933, 293.343



45, 3.669, 233.480



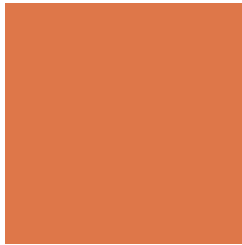
48, 37.532, 257.535



11, 14.353, 247.815

Previews

White Background



This preview shows how the CIELCh color 61, 56.036, 49.537 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, 56.036, 49.537 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, 56.036, 49.537

Background



This preview shows how black text looks on a background with the CIELCh color 61, 56.036, 49.537.



This preview shows how white text looks on a background with the CIELCh color 61, 56.036, 49.537.

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
61, 56.036, 49.537

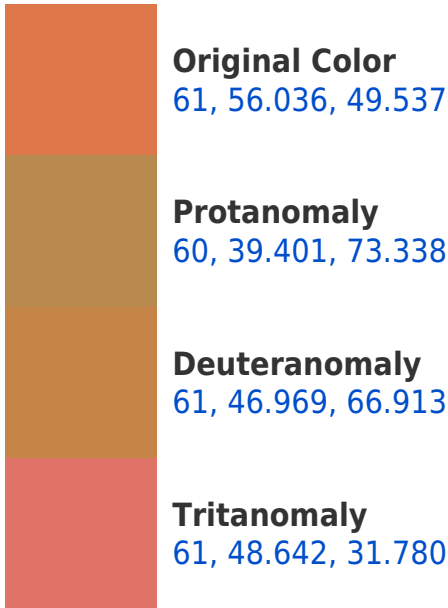
Protanopia
61, 36.256, 96.175

Deuteranopia
61, 44.913, 79.970

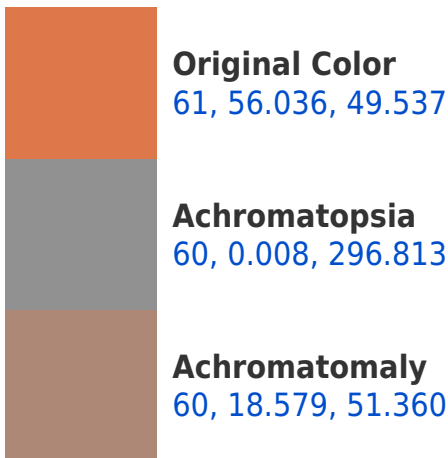


Tritanopia
61, 47.075, 19.932

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 56.036, 49.537 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(222, 119, 73)` looks like.

```
.text, #text, p{  
    color:rgb(222, 119, 73)  
}
```

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(222, 119, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 119, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 56.036, 49.537 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(222, 119, 73) }
```

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

```
.border{ border-color:rgb(222, 119, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 119, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 119, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 119, 73);  
box-shadow:4px 4px 4px 4px rgb(222, 119,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 56.036, 49.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 119, 73) }
```

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

```
.background{ background-color: rgb(222,  
119, 73) }
```

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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