

Converting Colors

CIELCh(61, 56.600, 54.364)

Have a look what the booklet for
CIELCh(61, 56.600, 54.364) contains.

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Color

CIELCh(61, 56.573, 54.530)

Conversions

Conversions Part 1

Format	Color
Hex	DA7A42
RGB	218, 122, 66
RGB Percent	85%, 48%, 26%
CMY	0.1448, 0.5213, 0.7409
CMYK	0.00, 0.44, 0.70, 0.14
HSL	22°, 67%, 56%
HSV	22°, 70%, 86%
XYZ	36.8912, 29.2481, 8.8653
YIQ	144.3200, 75.1920, 2.9360

Conversions

Conversions Part 2

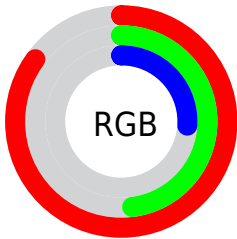
Format	Color
R _Y B	218, 155, 66
Decimal	14318146
CIE Lab	61.00, 32.83, 46.07
CIE LCh	61, 56.573, 54.530
Yxy	29.2481, 0.4919, 0.3900
Android (android.graphics.Color)	4292508226 (0xFFDA7A42)
YUV	144.3200, -38.6118, 64.6174
Hunter-Lab	54.0815, 27.1195, 28.1380

Details

The CIELCh color **61, 56.573, 54.530** 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 **63, 37.996, 254.382**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 47.815, 61.027**, and **41, 56.794, 54.761** is the 20% darker color. If you saturate the color by 10%, you get **58, 65.974, 53.770**, and if you desaturate by 10%, it is **64, 47.093, 55.188**.

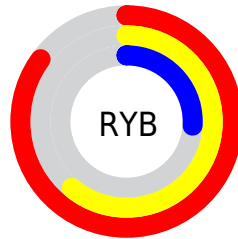
Distribution



Red (85%)

Green (48%)

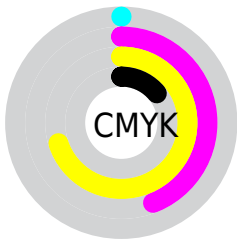
Blue (26%)



Red (85%)

Yellow (61%)

Blue (26%)

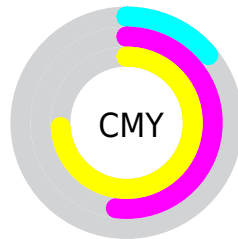


Cyan (0%)

Magenta (44%)

Yellow (70%)

Black (14%)



Cyan (14%)

Magenta (52%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 56.573, 54.530 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, 56.573, 54.530 by changing the saturation by 10% instead.

61, 56.573, 54.530

61, 56.573, 54.530

100, 56.573,
54.530

51, 56.573, 54.530

81, 56.573, 54.530

41, 56.573, 54.530

91, 56.573, 54.530

31, 56.573, 54.530

21, 56.573, 54.530

11, 56.573, 54.530

1, 56.573, 54.530

0, 56.573, 54.530

61, 56.573, 54.530

61, 56.573, 54.530

58, 65.974, 53.770

64, 47.093, 55.188

55, 74.450, 52.602

68, 37.939, 55.860

53, 81.038, 50.771

71, 29.273, 56.591

53, 81.230, 50.727

75, 21.145, 57.383

79, 13.549, 58.224

83, 6.450, 59.077

87, 0.195, 242.615

91, 6.435, 241.079

95, 10.360,
225.399

Harmonies

Complementary

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



61, 56.573, 54.530



63, 37.996, 254.382

Rectangle

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



61, 56.573, 54.530



61, 56.573, 104.530



61, 56.573, 234.530



61, 56.573, 284.530

Sweetspot

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



61, 56.571, 54.533



90, 16.475, 58.097



53, 69.956, 344.040



47, 11.259, 57.861



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, 56.571, 54.533



66, 79.263, 53.260



79, 65.751, 96.422



44, 3.786, 59.099



42, 68.089, 51.316



9, 18.958, 45.254

Inverse Universe

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



63, 37.996, 254.382



69, 49.389, 260.765



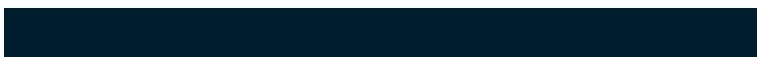
43, 78.341, 297.105



44, 3.631, 241.084



44, 41.310, 267.492



10, 14.814, 256.791

Previews

White Background



This preview shows how the CIELCh color 61, 56.573, 54.530 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, 56.573, 54.530 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, 56.573, 54.530

Background



This preview shows how black text looks on a background with the CIELCh color 61, 56.573, 54.530.



This preview shows how white text looks on a background with the CIELCh color 61, 56.573, 54.530.

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, 56.573, 54.530

Protanopia

61, 40.881, 96.035

Deuteranopia

61, 47.445, 80.320

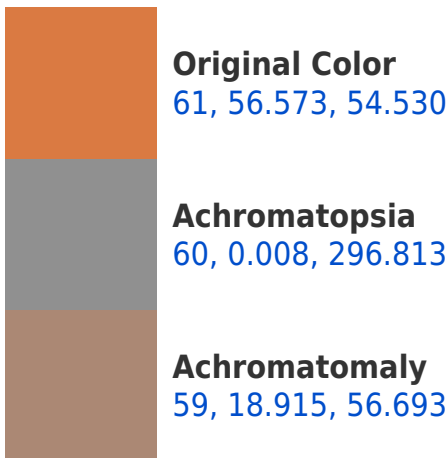


Tritanopia
61, 44.409, 18.520

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 56.573, 54.530 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, 122, 66)` looks like.

```
.text, #text, p{  
    color:rgb(218, 122, 66)  
}
```

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, 122, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 122, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 56.573, 54.530 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, 122, 66) }
```

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

```
.border{ border-color:rgb(218, 122, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 122, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 122, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 122, 66);  
box-shadow:4px 4px 4px 4px rgb(218, 122,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 56.573, 54.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 122, 66) }
```

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

```
.background{ background-color: rgb(218,  
122, 66) }
```

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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