

Converting Colors

CIELCh(61, 44.868, 44.349)

Have a look what the booklet for
CIELCh(61, 44.868, 44.349) contains.

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Color

CIELCh(61, 44.630, 43.889)

Conversions

Conversions Part 1

Format	Color
Hex	D57B5E
RGB	213, 123, 94
RGB Percent	84%, 48%, 37%
CMY	0.1634, 0.5165, 0.6303
CMYK	0.00, 0.42, 0.56, 0.16
HSL	15°, 59%, 60%
HSV	15°, 56%, 84%
XYZ	36.6902, 29.2481, 14.3664
YIQ	146.6040, 62.9490, 10.0610

Conversions

Conversions Part 2

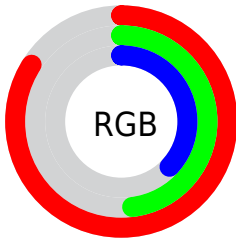
Format	Color
R _Y B	213, 132, 94
Decimal	13990750
CIE Lab	61.00, 32.16, 30.94
CIE LCh	61, 44.630, 43.889
Yxy	29.2481, 0.4569, 0.3642
Android (android.graphics.Color)	4292180830 (0xFFD57B5E)
YUV	146.6040, -25.9338, 58.2293
Hunter-Lab	54.0815, 26.4558, 22.1071

Details

The CIELCh color **61, 44.630, 43.889** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **71, 29.513, 230.599**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 37.368, 47.408**, and **41, 44.475, 44.308** is the 20% darker color. If you saturate the color by 10%, you get **57, 54.541, 44.270**, and if you desaturate by 10%, it is **65, 35.224, 43.692**.

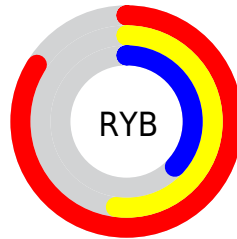
Distribution



Red (84%)

Green (48%)

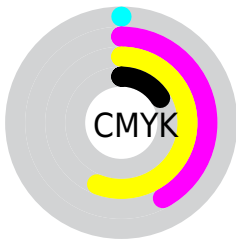
Blue (37%)



Red (84%)

Yellow (52%)

Blue (37%)

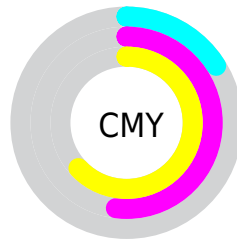


Cyan (0%)

Magenta (42%)

Yellow (56%)

Black (16%)



Cyan (16%)

Magenta (52%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 44.630, 43.889 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, 44.630, 43.889 by changing the saturation by 10% instead.

61, 44.630, 43.889

61, 44.630, 43.889

100, 44.630,
43.889

51, 44.630, 43.889

81, 44.630, 43.889

41, 44.630, 43.889

91, 44.630, 43.889

31, 44.630, 43.889

21, 44.630, 43.889

11, 44.630, 43.889

1, 44.630, 43.889

0, 44.630, 43.889

61, 44.630, 43.889

61, 44.630, 43.889

57, 54.541, 44.270

65, 35.224, 43.692

54, 64.689, 44.759

69, 26.436, 43.666

51, 74.433, 45.135

74, 18.286, 43.790

49, 82.442, 44.863

78, 10.753, 44.025

48, 85.335, 44.738

83, 3.795, 44.281

87, 2.642, 225.059

92, 8.614, 225.384

97, 13.093,
204.581

97, 13.943,
198.576

Harmonies

Complementary

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



61, 44.630, 43.889



71, 29.513, 230.599

Rectangle

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



61, 44.630, 43.889



61, 44.630, 93.889



61, 44.630, 223.889



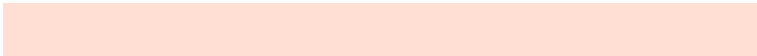
61, 44.630, 273.889

Sweetspot

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



61, 44.628, 43.893



91, 13.439, 43.988



58, 63.274, 335.702



47, 9.063, 43.935



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, 44.628, 43.893



67, 64.570, 44.357



75, 48.099, 88.950



43, 3.775, 44.202



38, 71.922, 45.174



7, 18.936, 33.559

Inverse Universe

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



71, 29.513, 230.599



80, 38.296, 233.384



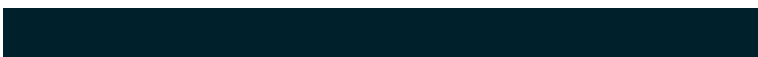
54, 50.463, 286.391



44, 3.571, 225.221



50, 33.615, 244.656



11, 12.752, 235.164

Previews

White Background



This preview shows how the CIELCh color 61, 44.630, 43.889 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, 44.630, 43.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

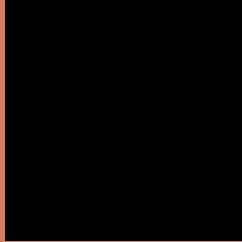
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 44.630, 43.889

Background



This preview shows how black text looks on a background with the CIELCh color 61, 44.630, 43.889.

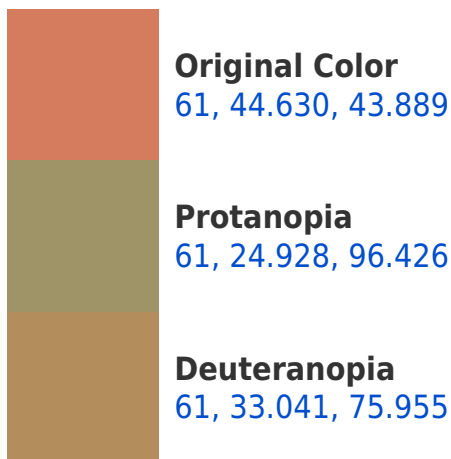


This preview shows how white text looks on a background with the CIELCh color 61, 44.630, 43.889.

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, 40.550, 18.062

Trichromacy



Original Color
61, 44.630, 43.889

Protanomaly
61, 28.497, 69.327

Deuteranomaly
61, 35.603, 62.384

Tritanomaly
61, 40.817, 28.464

Monochromacy



Original Color
61, 44.630, 43.889

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 14.896, 42.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 44.630, 43.889 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(213, 123, 94)` looks like.

```
.text, #text, p{  
    color:rgb(213, 123, 94)  
}
```

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(213, 123, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 123, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 44.630, 43.889 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(213, 123, 94) }
```

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

```
.border{ border-color:rgb(213, 123, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 123, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 123, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 123, 94);  
box-shadow:4px 4px 4px 4px rgb(213, 123,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 44.630, 43.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 123, 94) }
```

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

```
.background{ background-color: rgb(213,  
123, 94) }
```

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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