

Converting Colors

CIELCh(60, 48.317, 51.737)

Have a look what the booklet for
CIELCh(60, 48.317, 51.737) contains.

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Color

CIELCh(60, 48.249, 51.587)

Conversions

Conversions Part 1

Format	Color
Hex	D17A4F
RGB	209, 122, 79
RGB Percent	82%, 48%, 31%
CMY	0.1795, 0.5208, 0.6895
CMYK	0.00, 0.42, 0.62, 0.18
HSL	20°, 59%, 57%
HSV	20°, 62%, 82%
XYZ	34.7610, 28.1233, 11.0286
YIQ	143.1110, 65.6550, 5.0710

Conversions

Conversions Part 2

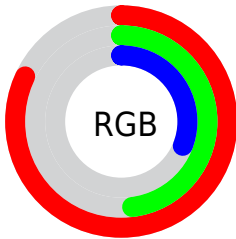
Format	Color
R_{YB}	209, 143, 79
Decimal	13728335
CIE _{Lab}	60.00, 29.98, 37.81
CIE _{LCh}	60, 48.249, 51.587
Yxy	28.1233, 0.4703, 0.3805
Android (android.graphics.Color)	4291918415 (0xFFD17A4F)
YUV	143.1110, -31.6067, 57.7847
Hunter-Lab	53.0314, 24.1979, 24.7918

Details

The CIELCh color **60, 48.249, 51.587** 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 **65, 32.533, 245.967**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 42.858, 55.511**, and **40, 48.313, 51.684** is the 20% darker color. If you saturate the color by 10%, you get **57, 57.689, 51.235**, and if you desaturate by 10%, it is **63, 39.112, 51.984**.

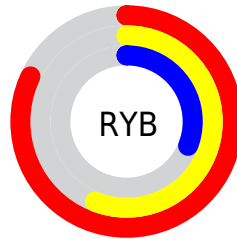
Distribution



Red (82%)

Green (48%)

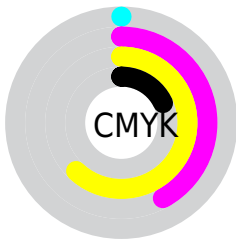
Blue (31%)



Red (82%)

Yellow (56%)

Blue (31%)

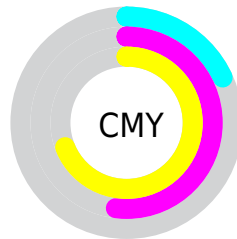


Cyan (0%)

Magenta (42%)

Yellow (62%)

Black (18%)



Cyan (18%)

Magenta (52%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 48.249, 51.587 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 60, 48.249, 51.587 by changing the saturation by 10% instead.

60, 48.249, 51.587

60, 48.249, 51.587

100, 48.249,
51.587

50, 48.249, 51.587

80, 48.249, 51.587

40, 48.249, 51.587

90, 48.249, 51.587

30, 48.249, 51.587

20, 48.249, 51.587

10, 48.249, 51.587

0, 48.249, 51.587

60, 48.249, 51.587

60, 48.249, 51.587

57, 57.689, 51.235

63, 39.112, 51.984

54, 66.981, 50.763

67, 30.471, 52.465

51, 75.158, 49.814

71, 22.388, 53.038

49, 80.338, 48.696

75, 14.862, 53.687

79, 7.861, 54.381

83, 1.341, 54.838

87, 4.748, 236.118

91, 10.454,
236.872

95, 13.340,
213.863

Harmonies

Complementary

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



60, 48.249, 51.587



65, 32.533, 245.967

Rectangle

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



60, 48.249, 51.587



60, 48.249, 101.587



60, 48.249, 231.587



60, 48.249, 281.587

Sweetspot

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



60, 48.248, 51.591



91, 14.805, 53.889



54, 64.343, 340.260



47, 10.299, 53.690



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 48.248, 51.591



67, 71.029, 51.087



75, 55.672, 94.053



42, 3.632, 54.569



40, 67.942, 49.239



7, 16.590, 39.881

Inverse Universe

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



65, 32.533, 245.967



73, 43.475, 250.802



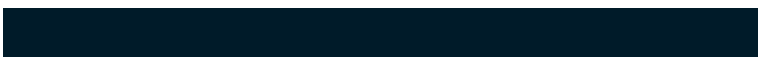
47, 62.533, 292.726



42, 3.466, 236.293



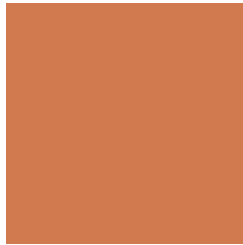
45, 37.633, 261.246



9, 13.032, 249.429

Previews

White Background



This preview shows how the CIELCh color 60, 48.249, 51.587 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 60, 48.249, 51.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

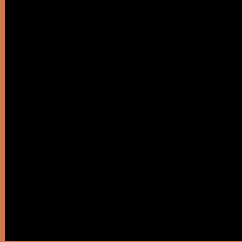
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 48.249, 51.587

Background



This preview shows how black text looks on a background with the CIELCh color 60, 48.249, 51.587.



This preview shows how white text looks on a background with the CIELCh color 60, 48.249, 51.587.

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

60, 48.249, 51.587

Protanopia

60, 32.732, 95.499

Deuteranopia

60, 39.437, 78.436



Tritanopia
60, 39.830, 17.902

Trichromacy



Original Color
60, 48.249, 51.587

Protanomaly
60, 35.182, 75.647

Deuteranomaly
60, 41.323, 67.142

Tritanomaly
60, 41.040, 32.193

Monochromacy



Original Color
60, 48.249, 51.587

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 16.071, 52.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 48.249, 51.587 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, 122, 79)` looks like.

```
.text, #text, p{  
    color:rgb(209, 122, 79)  
}
```

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, 122, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 122, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 48.249, 51.587 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, 122, 79) }
```

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

```
.border{ border-color:rgb(209, 122, 79) }
```

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

Here you see how a box with a 4 pixel rgb(209, 122, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 122, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 122, 79);  
box-shadow:4px 4px 4px 4px rgb(209, 122,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 48.249, 51.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 122, 79) }
```

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

```
.background{ background-color: rgb(209,  
122, 79) }
```

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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