

Converting Colors

CIELCh(60, 48.271, 54.868)

Have a look what the booklet for
CIELCh(60, 48.271, 54.868) contains.

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Color

CIELCh(60, 48.364, 54.782)

Conversions

Conversions Part 1

Format	Color
Hex	CF7C4C
RGB	207, 124, 76
RGB Percent	81%, 49%, 30%
CMY	0.1891, 0.5144, 0.7026
CMYK	0.00, 0.40, 0.63, 0.19
HSL	22°, 58%, 55%
HSV	22°, 63%, 81%
XYZ	34.1557, 28.1233, 10.4342
YIQ	143.3450, 64.8760, 2.6680

Conversions

Conversions Part 2

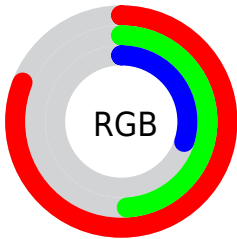
Format	Color
R_{YB}	207, 152, 76
Decimal	13597772
CIE _{Lab}	60.00, 27.89, 39.51
CIE _{LCh}	60, 48.364, 54.782
Yxy	28.1233, 0.4697, 0.3868
Android (android.graphics.Color)	4291787852 (0xFFCF7C4C)
YUV	143.3450, -33.2011, 55.8254
Hunter-Lab	53.0314, 22.1607, 25.4564

Details

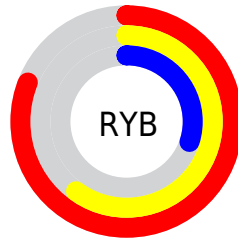
The CIELCh color **60, 48.364, 54.782** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **62, 33.740, 251.748**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 43.902, 58.476**, and **40, 48.258, 54.685** is the 20% darker color. If you saturate the color by 10%, you get **57, 57.489, 54.132**, and if you desaturate by 10%, it is **63, 39.453, 55.429**.

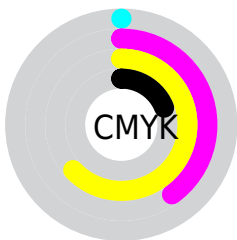
Distribution



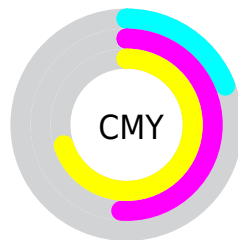
- Red (81%)
- Green (49%)
- Blue (30%)



- Red (81%)
- Yellow (60%)
- Blue (30%)



- Cyan (0%)
- Magenta (40%)
- Yellow (63%)
- Black (19%)



- Cyan (19%)
- Magenta (51%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 48.364, 54.782 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, 48.364, 54.782 by changing the saturation by 10% instead.

 60, 48.364, 54.782

 60, 48.364, 54.782

 100, 48.364,
54.782

 50, 48.364, 54.782

 80, 48.364, 54.782

 40, 48.364, 54.782

 90, 48.364, 54.782

 30, 48.364, 54.782

 20, 48.364, 54.782

 10, 48.364, 54.782

 0, 48.364, 54.782

 60, 48.364, 54.782

 60, 48.364, 54.782

 57, 57.489, 54.132

 63, 39.453, 55.429

 54, 66.332, 53.297

 67, 30.975, 56.123

51, 73.895, 51.910

70, 23.005, 56.882

50, 78.047, 50.734

74, 15.550, 57.696

78, 8.586, 58.542

82, 2.072, 59.268

86, 4.037, 240.535

90, 9.787, 241.386

93, 13.280,
229.961

Harmonies

Complementary

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



60, 48.364, 54.782



62, 33.740, 251.748

Rectangle

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



60, 48.364, 54.782



60, 48.364, 104.782



60, 48.364, 234.782



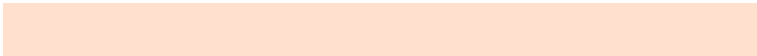
60, 48.364, 284.782

Sweetspot

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



60, 48.363, 54.786



91, 14.801, 58.041



53, 63.342, 342.168



47, 10.289, 57.797



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, 48.363, 54.786



68, 71.135, 53.867



76, 57.499, 96.090



42, 3.639, 58.868



41, 66.622, 51.283



7, 16.301, 43.205

Inverse Universe

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



62, 33.740, 251.748



71, 45.798, 256.864



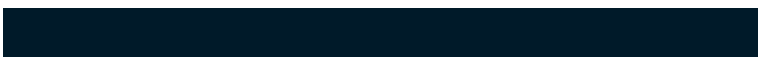
45, 66.017, 294.609



42, 3.490, 240.830



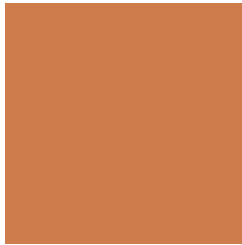
43, 40.192, 267.062



8, 13.550, 255.316

Previews

White Background



This preview shows how the CIELCh color 60, 48.364, 54.782 looks on a white background.

Color Contrast Check

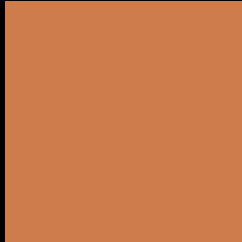
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.364, 54.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

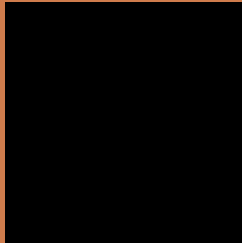
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 48.364, 54.782

Background



This preview shows how black text looks on a background with the CIELCh color 60, 48.364, 54.782.



This preview shows how white text looks on a background with the CIELCh color 60, 48.364, 54.782.

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, 48.364, 54.782

Protanopia

60, 34.814, 95.855

Deuteranopia

60, 40.863, 79.185



Tritanopia
60, 38.534, 17.496

Trichromacy



Original Color
60, 48.364, 54.782

Protanomaly
60, 36.852, 77.569

Deuteranomaly
60, 42.409, 69.511

Tritanomaly
60, 39.887, 33.050

Monochromacy



Original Color
60, 48.364, 54.782

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 16.033, 56.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 48.364, 54.782 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(207, 124, 76)` looks like.

```
.text, #text, p{  
    color:rgb(207, 124, 76)  
}
```

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(207, 124, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 124, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 48.364, 54.782 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(207, 124, 76) }
```

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

```
.border{ border-color:rgb(207, 124, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 124, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 124, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 124, 76);  
box-shadow:4px 4px 4px 4px rgb(207, 124,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 48.364, 54.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 124, 76) }
```

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

```
.background{ background-color: rgb(207,  
124, 76) }
```

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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