

Converting Colors

CIELCh(62, 47.635, 59.087)

Have a look what the booklet for
CIELCh(62, 47.635, 59.087) contains.

CIELCh(62, 47.428, 59.430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 47.428, 59.430)

Conversions

Conversions Part 1

Format	Color
Hex	D0844E
RGB	208, 132, 78
RGB Percent	82%, 52%, 31%
CMY	0.1849, 0.4828, 0.6946
CMYK	0.00, 0.37, 0.63, 0.18
HSL	25°, 58%, 56%
HSV	25°, 63%, 82%
XYZ	35.5733, 30.4025, 11.1776
YIQ	148.5680, 62.6300, -0.6820

Conversions

Conversions Part 2

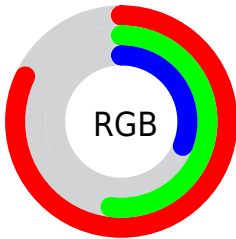
Format	Color
R _Y B	208, 170, 78
Decimal	13665358
CIE Lab	62.00, 24.12, 40.84
CIE LCh	62, 47.428, 59.430
Yxy	30.4025, 0.4611, 0.3941
Android (android.graphics.Color)	4291855438 (0xFFD0844E)
YUV	148.5680, -34.7900, 52.1219
Hunter-Lab	55.1385, 18.6690, 26.5777

Details

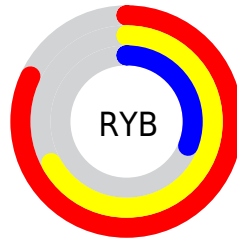
The CIELCh color **62, 47.428, 59.430** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **61, 35.398, 258.421**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 42.767, 63.572**, and **42, 47.353, 59.678** is the 20% darker color. If you saturate the color by 10%, you get **59, 56.256, 58.438**, and if you desaturate by 10%, it is **65, 38.746, 60.382**.

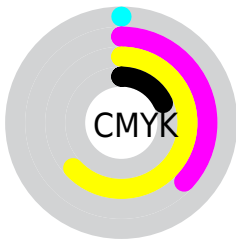
Distribution



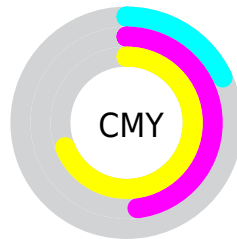
- Red (82%)
- Green (52%)
- Blue (31%)



- Red (82%)
- Yellow (67%)
- Blue (31%)



- Cyan (0%)
- Magenta (37%)
- Yellow (63%)
- Black (18%)



- Cyan (18%)
- Magenta (48%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 47.428, 59.430 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 62, 47.428, 59.430 by changing the saturation by 10% instead.

62, 47.428, 59.430

62, 47.428, 59.430

100, 47.428,
59.430

52, 47.428, 59.430

82, 47.428, 59.430

42, 47.428, 59.430

92, 47.428, 59.430

32, 47.428, 59.430

22, 47.428, 59.430

12, 47.428, 59.430

2, 47.428, 59.430

0, 47.428, 59.430

62, 47.428, 59.430

62, 47.428, 59.430

59, 56.256, 58.438

65, 38.746, 60.382

56, 64.745, 57.238

68, 30.430, 61.344

54, 71.963, 55.504

72, 22.558, 62.336

52, 76.268, 53.865

75, 15.145, 63.354

79, 8.170, 64.378

83, 1.598, 65.210

86, 4.610, 246.639

90, 10.495,
247.625

93, 12.986,
232.160

Harmonies

Complementary

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



62, 47.428, 59.430



61, 35.398, 258.421

Rectangle

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



62, 47.428, 59.430



62, 47.428, 109.430



62, 47.428, 239.430



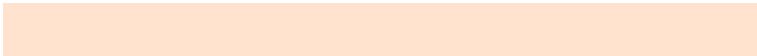
62, 47.428, 289.430

Sweetspot

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



62, 47.427, 59.434



92, 14.924, 63.694



53, 61.176, 344.890



48, 10.363, 63.397



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 47.427, 59.434



70, 69.042, 58.070



78, 59.387, 99.195



42, 3.682, 64.688



42, 64.887, 54.458



8, 15.965, 48.401

Inverse Universe

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



61, 35.398, 258.421



69, 48.567, 263.517



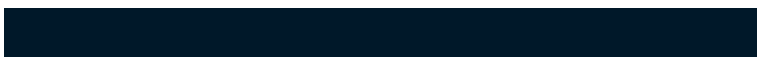
44, 69.521, 296.552



42, 3.556, 246.911



41, 44.280, 274.053



7, 14.436, 262.570

Previews

White Background



This preview shows how the CIELCh color 62, 47.428, 59.430 looks on a white background.

Color Contrast Check

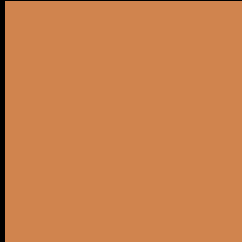
Large Text (above 18pt) WCAG AA × Fail

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 62, 47.428, 59.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

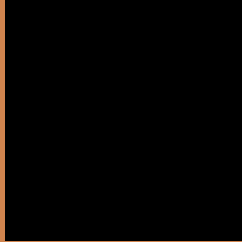
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 47.428, 59.430

Background



This preview shows how black text looks on a background with the CIELCh color 62, 47.428, 59.430.



This preview shows how white text looks on a background with the CIELCh color 62, 47.428, 59.430.

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

62, 47.428, 59.430

Protanopia

62, 36.788, 95.621

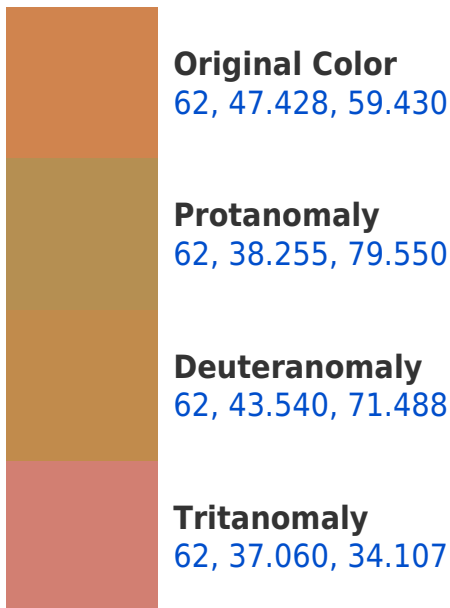
Deuteranopia

62, 42.497, 79.014



Tritanopia
62, 36.079, 15.735

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 47.428, 59.430 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(208, 132, 78)` looks like.

```
.text, #text, p{  
    color:rgb(208, 132, 78)  
}
```

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(208, 132, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 132, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 47.428, 59.430 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(208, 132, 78) }
```

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

```
.border{ border-color:rgb(208, 132, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 132, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 132, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 132, 78);  
box-shadow:4px 4px 4px 4px rgb(208, 132,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 47.428, 59.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 132, 78) }
```

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

```
.background{ background-color: rgb(208,  
132, 78) }
```

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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