

Converting Colors

CIELCh(62, 47.490, 48.364)

Have a look what the booklet for
CIELCh(62, 47.490, 48.364) contains.

CIELCh(62, 47.749, 48.402)	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, 47.749, 48.402)

Conversions

Conversions Part 1

Format	Color
Hex	D97E58
RGB	217, 126, 88
RGB Percent	85%, 49%, 35%
CMY	0.1488, 0.5056, 0.6547
CMYK	0.00, 0.42, 0.59, 0.15
HSL	18°, 63%, 60%
HSV	18°, 59%, 85%
XYZ	37.8655, 30.4025, 13.1163
YIQ	148.8770, 66.4340, 7.4740

Conversions

Conversions Part 2

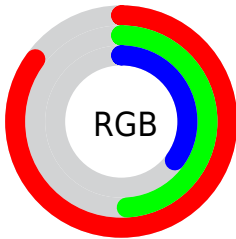
Format	Color
R _{YB}	217, 142, 88
Decimal	14253656
CIE Lab	62.00, 31.70, 35.71
CIE LCh	62, 47.749, 48.402
Yxy	30.4025, 0.4653, 0.3736
Android (android.graphics.Color)	4292443736 (0xFFD97E58)
YUV	148.8770, -30.0124, 59.7439
Hunter-Lab	55.1385, 26.0899, 24.4931

Details

The CIELCh color **62, 47.749, 48.402** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **69, 31.704, 239.532**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 38.987, 54.586**, and **42, 47.962, 48.046** is the 20% darker color. If you saturate the color by 10%, you get **58, 57.647, 48.362**, and if you desaturate by 10%, it is **66, 38.269, 48.549**.

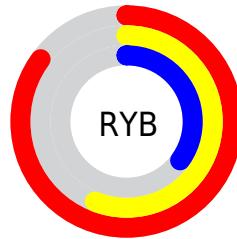
Distribution



Red (85%)

Green (49%)

Blue (35%)



Red (85%)

Yellow (56%)

Blue (35%)

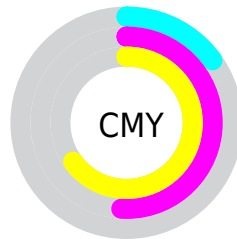


Cyan (0%)

Magenta (42%)

Yellow (59%)

Black (15%)



Cyan (15%)

Magenta (51%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 47.749, 48.402 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, 47.749, 48.402 by changing the saturation by 10% instead.

 62, 47.749, 48.402

 62, 47.749, 48.402

 100, 47.749,
48.402

 52, 47.749, 48.402

 82, 47.749, 48.402

 42, 47.749, 48.402

 92, 47.749, 48.402

 32, 47.749, 48.402

 22, 47.749, 48.402

 12, 47.749, 48.402

 2, 47.749, 48.402

 0, 47.749, 48.402

 62, 47.749, 48.402

 62, 47.749, 48.402

 58, 57.647, 48.362

 66, 38.269, 48.549

55, 67.590, 48.301

70, 29.362, 48.818

52, 76.725, 47.914

74, 21.070, 49.206

50, 83.899, 46.861

78, 13.378, 49.687

50, 84.295, 46.824

83, 6.250, 50.214

87, 0.366, 232.406

91, 6.523, 231.680

96, 11.002,
216.380

97, 12.751,
198.654

Harmonies

Complementary

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



62, 47.749, 48.402



69, 31.704, 239.532

Rectangle

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



62, 47.749, 48.402



62, 47.749, 98.402



62, 47.749, 228.402



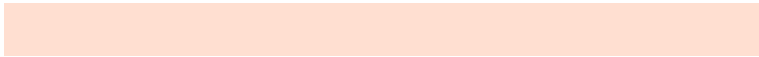
62, 47.749, 278.402

Sweetspot

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



62, 47.747, 48.406



91, 14.052, 49.752



57, 65.363, 338.323



47, 9.876, 49.601



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, 47.747, 48.406



67, 67.605, 48.357



77, 53.712, 92.094



44, 3.792, 50.213



40, 70.889, 47.325



8, 19.757, 38.260

Inverse Universe

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



69, 31.704, 239.532



77, 40.623, 243.272



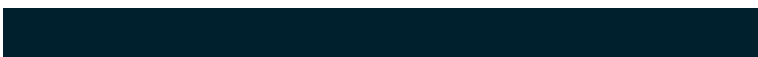
51, 58.680, 290.299



44, 3.603, 231.667



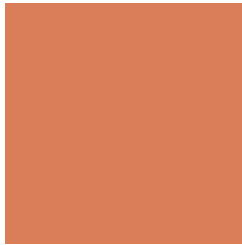
48, 36.290, 254.847



11, 13.656, 244.744

Previews

White Background



This preview shows how the CIELCh color 62, 47.749, 48.402 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, 47.749, 48.402 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, 47.749, 48.402

Background



This preview shows how black text looks on a background with the CIELCh color 62, 47.749, 48.402.



This preview shows how white text looks on a background with the CIELCh color 62, 47.749, 48.402.

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](#).

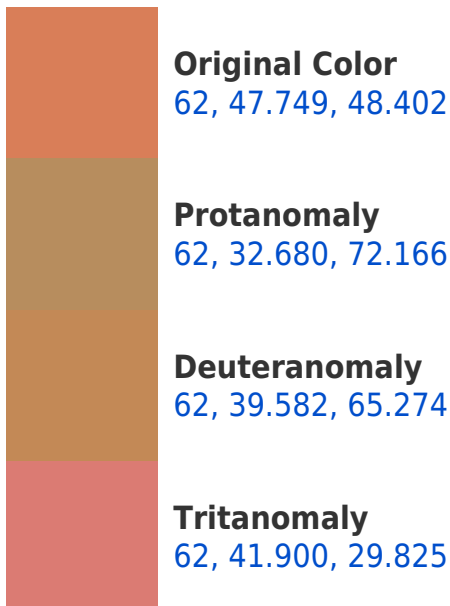
Dichromacy





Tritanopia
62, 41.207, 17.455

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 47.749, 48.402 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(217, 126, 88)` looks like.

```
.text, #text, p{  
    color:rgb(217, 126, 88)  
}
```

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(217, 126, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 126, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 47.749, 48.402 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(217, 126, 88) }
```

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

```
.border{ border-color:rgb(217, 126, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 126, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 126, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 126, 88);  
box-shadow:4px 4px 4px 4px rgb(217, 126,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 47.749, 48.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 126, 88) }
```

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

```
.background{ background-color: rgb(217,  
126, 88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor