

Converting Colors

CIELCh(62, 49.384, 46.491)

Have a look what the booklet for
CIELCh(62, 49.384, 46.491) contains.

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Color

CIELCh(62, 49.297, 46.488)

Conversions

Conversions Part 1

Format	Color
Hex	DC7C58
RGB	220, 124, 88
RGB Percent	86%, 49%, 35%
CMY	0.1366, 0.5131, 0.6543
CMYK	0.00, 0.44, 0.60, 0.14
HSL	16°, 65%, 60%
HSV	16°, 60%, 86%
XYZ	38.5616, 30.4025, 13.0988
YIQ	148.6000, 68.7720, 9.1560

Conversions

Conversions Part 2

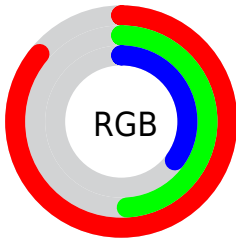
Format	Color
R _Y B	220, 138, 88
Decimal	14449752
CIE Lab	62.00, 33.94, 35.75
CIE LCh	62, 49.297, 46.488
Yxy	30.4025, 0.4699, 0.3705
Android (android.graphics.Color)	4292639832 (0xFFDC7C58)
YUV	148.6000, -29.8758, 62.6178
Hunter-Lab	55.1385, 28.3433, 24.5119

Details

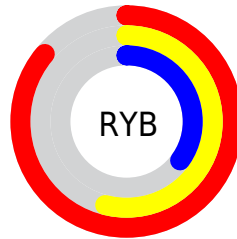
The CIELCh color **62, 49.297, 46.488** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **71, 31.992, 236.194**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 39.118, 52.820**, and **42, 49.218, 46.422** is the 20% darker color. If you saturate the color by 10%, you get **58, 59.457, 46.653**, and if you desaturate by 10%, it is **66, 39.559, 46.453**.

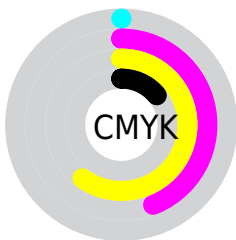
Distribution



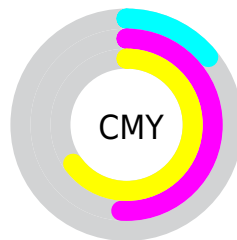
- Red (86%)
- Green (49%)
- Blue (35%)



- Red (86%)
- Yellow (54%)
- Blue (35%)



- Cyan (0%)
- Magenta (44%)
- Yellow (60%)
- Black (14%)



- Cyan (14%)
- Magenta (51%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 49.297, 46.488 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, 49.297, 46.488 by changing the saturation by 10% instead.

62, 49.297, 46.488

62, 49.297, 46.488

100, 49.297,
46.488

52, 49.297, 46.488

82, 49.297, 46.488

42, 49.297, 46.488

92, 49.297, 46.488

32, 49.297, 46.488

22, 49.297, 46.488

12, 49.297, 46.488

2, 49.297, 46.488

0, 49.297, 46.488

62, 49.297, 46.488

62, 49.297, 46.488

58, 59.457, 46.653

66, 39.559, 46.453

55, 69.639, 46.816

70, 30.412, 46.563

52, 78.932, 46.646

74, 21.902, 46.811

50, 86.179, 45.833

79, 14.020, 47.168

50, 86.202, 45.832

83, 6.728, 47.588

88, 0.027, 249.432

92, 6.296, 228.866

97, 10.874,
206.253

98, 11.746,
198.721

Harmonies

Complementary

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



62, 49.297, 46.488



71, 31.992, 236.194

Rectangle

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



62, 49.297, 46.488



62, 49.297, 96.488



62, 49.297, 226.488



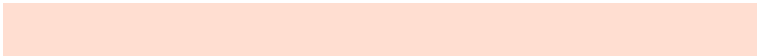
62, 49.297, 276.488

Sweetspot

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



62, 49.295, 46.492



91, 14.135, 47.242



58, 67.298, 337.587



47, 9.937, 47.124



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, 49.295, 46.492



66, 69.445, 46.704



78, 54.118, 90.831



44, 3.812, 47.610



40, 71.701, 46.332



8, 20.027, 36.439

Inverse Universe

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



71, 31.992, 236.194



77, 40.397, 239.881



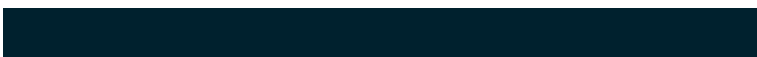
52, 58.615, 289.537



45, 3.613, 228.883



49, 35.177, 250.618



11, 13.431, 240.930

Previews

White Background



This preview shows how the CIELCh color 62, 49.297, 46.488 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, 49.297, 46.488 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, 49.297, 46.488

Background



This preview shows how black text looks on a background with the CIELCh color 62, 49.297, 46.488.



This preview shows how white text looks on a background with the CIELCh color 62, 49.297, 46.488.

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, 49.297, 46.488

Protanopia

62, 29.314, 95.782

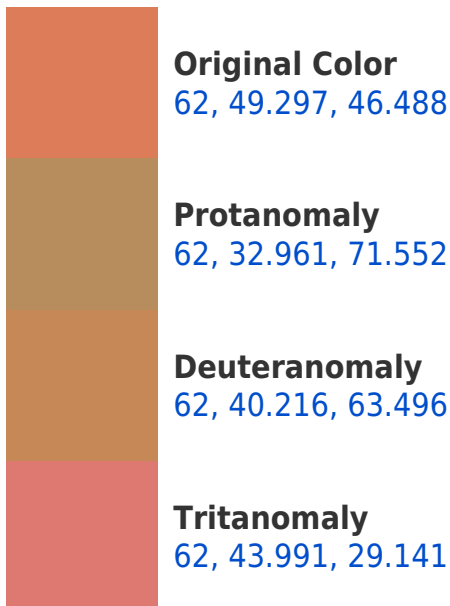
Deuteranopia

62, 37.760, 77.813



Tritanopia
62, 43.365, 18.124

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 49.297, 46.488 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(220, 124, 88)` looks like.

```
.text, #text, p{  
    color:rgb(220, 124, 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(220, 124, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 124, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 49.297, 46.488 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(220, 124, 88) }
```

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

```
.border{ border-color:rgb(220, 124, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 124, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 124, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 124, 88);  
box-shadow:4px 4px 4px 4px rgb(220, 124,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 49.297, 46.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 124, 88) }
```

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

```
.background{ background-color: rgb(220,  
124, 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](#).

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