

Converting Colors

CIELCh(62, 43.866, 48.048)

Have a look what the booklet for
CIELCh(62, 43.866, 48.048) contains.

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Color

CIELCh(62, 43.779, 47.629)

Conversions

Conversions Part 1

Format	Color
Hex	D5805E
RGB	213, 128, 94
RGB Percent	84%, 50%, 37%
CMY	0.1646, 0.4979, 0.6313
CMYK	0.00, 0.40, 0.56, 0.16
HSL	17°, 59%, 60%
HSV	17°, 56%, 84%
XYZ	37.1913, 30.4025, 14.5026
YIQ	149.5390, 61.5740, 7.4460

Conversions

Conversions Part 2

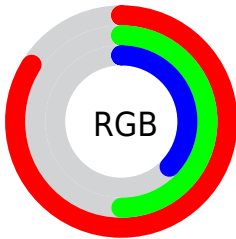
Format	Color
R _Y B	213, 142, 94
Decimal	13992030
CIE Lab	62.00, 29.50, 32.34
CIE LCh	62, 43.779, 47.629
Yxy	30.4025, 0.4530, 0.3703
Android (android.graphics.Color)	4292182110 (0xFFD5805E)
YUV	149.5390, -27.3807, 55.6553
Hunter-Lab	55.1385, 23.9072, 23.0025

Details

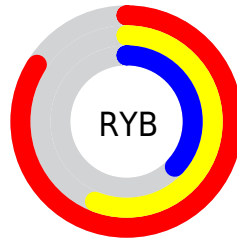
The CIELCh color **62, 43.779, 47.629** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **69, 29.741, 237.213**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 36.770, 52.964**, and **42, 43.496, 47.968** is the 20% darker color. If you saturate the color by 10%, you get **58, 53.454, 47.636**, and if you desaturate by 10%, it is **66, 34.594, 47.755**.

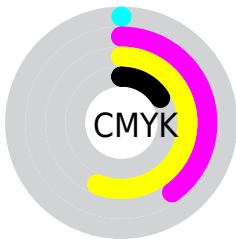
Distribution



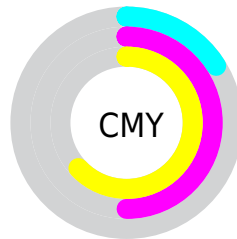
- Red (84%)
- Green (50%)
- Blue (37%)



- Red (84%)
- Yellow (56%)
- Blue (37%)



- Cyan (0%)
- Magenta (40%)
- Yellow (56%)
- Black (16%)



- Cyan (16%)
- Magenta (50%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 43.779, 47.629 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, 43.779, 47.629 by changing the saturation by 10% instead.

 62, 43.779, 47.629

 62, 43.779, 47.629

 100, 43.779,
47.629

 52, 43.779, 47.629

 82, 43.779, 47.629

 42, 43.779, 47.629

 92, 43.779, 47.629

 32, 43.779, 47.629

 22, 43.779, 47.629

 12, 43.779, 47.629

 2, 43.779, 47.629

 0, 43.779, 47.629

 62, 43.779, 47.629

 62, 43.779, 47.629

 58, 53.454, 47.636

 66, 34.594, 47.755

55, 63.352, 47.692

70, 26.002, 48.011

52, 72.841, 47.577

74, 18.022, 48.384

50, 80.646, 46.795

78, 10.629, 48.843

49, 83.467, 46.459

83, 3.780, 49.306

87, 2.578, 230.263

92, 8.497, 230.759

96, 12.501,
211.192

97, 14.042,
198.569

Harmonies

Complementary

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



62, 43.779, 47.629



69, 29.741, 237.213

Rectangle

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



62, 43.779, 47.629



62, 43.779, 97.629



62, 43.779, 227.629



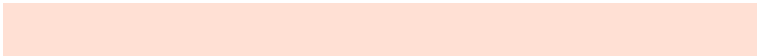
62, 43.779, 277.629

Sweetspot

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



62, 43.777, 47.633



91, 13.248, 48.780



57, 61.215, 337.968



48, 8.931, 48.683



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, 43.777, 47.633



69, 63.287, 47.646



76, 49.924, 92.565



43, 3.726, 49.156



39, 70.415, 46.948



7, 18.483, 36.653

Inverse Universe

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



69, 29.741, 237.213



78, 38.934, 240.460



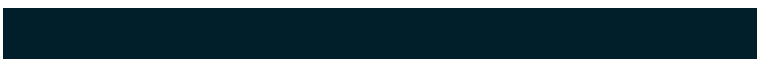
52, 53.990, 289.332



43, 3.537, 230.535



48, 35.410, 253.096



10, 13.056, 242.531

Previews

White Background



This preview shows how the CIELCh color 62, 43.779, 47.629 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, 43.779, 47.629 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, 43.779, 47.629

Background



This preview shows how black text looks on a background with the CIELCh color 62, 43.779, 47.629.

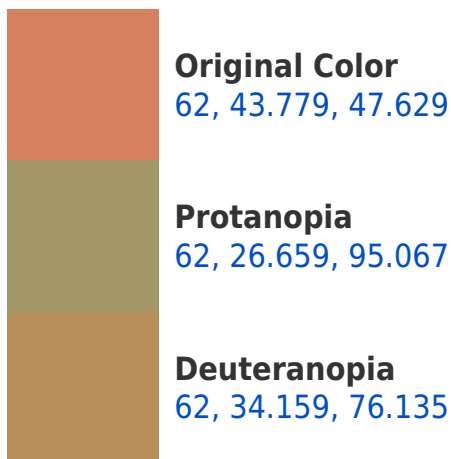


This preview shows how white text looks on a background with the CIELCh color 62, 43.779, 47.629.

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, 38.641, 16.625

Trichromacy



Original Color
62, 43.779, 47.629

Protanomaly
62, 29.463, 71.739

Deuteranomaly
62, 36.370, 64.452

Tritanomaly
62, 39.020, 29.144

Monochromacy



Original Color
62, 43.779, 47.629

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 14.573, 47.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 43.779, 47.629 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(213, 128, 94)` looks like.

```
.text, #text, p{  
    color:rgb(213, 128, 94)  
}
```

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(213, 128, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 128, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 43.779, 47.629 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(213, 128, 94) }
```

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

```
.border{ border-color:rgb(213, 128, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 128, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 128, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 128, 94);  
box-shadow:4px 4px 4px 4px rgb(213, 128,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 43.779, 47.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 128, 94) }
```

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

```
.background{ background-color: rgb(213,  
128, 94) }
```

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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