

Converting Colors

CIELCh(62, 46.053, 46.023)

Have a look what the booklet for
CIELCh(62, 46.053, 46.023) contains.

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Color

CIELCh(62, 46.077, 45.878)

Conversions

Conversions Part 1

Format	Color
Hex	D97E5D
RGB	217, 126, 93
RGB Percent	85%, 49%, 36%
CMY	0.1496, 0.5064, 0.6358
CMYK	0.00, 0.42, 0.57, 0.15
HSL	16°, 62%, 61%
HSV	16°, 57%, 85%
XYZ	37.9823, 30.4025, 14.1926
YIQ	149.4470, 64.8290, 9.0290

Conversions

Conversions Part 2

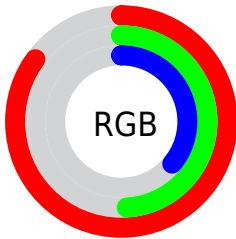
Format	Color
RYB	217, 138, 93
Decimal	14253661
CIELab	62.00, 32.08, 33.08
CIELCh	62, 46.077, 45.878
Yxy	30.4025, 0.4600, 0.3682
Android (android.graphics.Color)	4292443741 (0xFFD97E5D)
YUV	149.4470, -27.8284, 59.2440
Hunter-Lab	55.1385, 26.4678, 23.3358

Details

The CIELCh color **62, 46.077, 45.878** 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, 30.506, 234.448**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 37.262, 51.703**, and **42, 46.186, 45.577** is the 20% darker color. If you saturate the color by 10%, you get **58, 56.056, 46.075**, and if you desaturate by 10%, it is **66, 36.580, 45.833**.

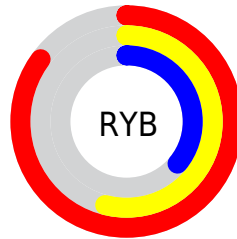
Distribution



Red (85%)

Green (49%)

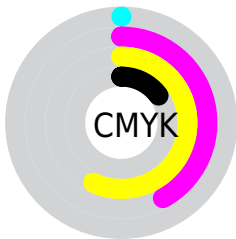
Blue (36%)



Red (85%)

Yellow (54%)

Blue (36%)

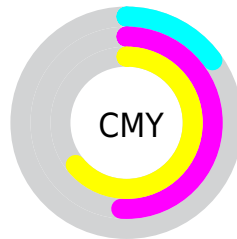


Cyan (0%)

Magenta (42%)

Yellow (57%)

Black (15%)



Cyan (15%)

Magenta (51%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 46.077, 45.878 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, 46.077, 45.878 by changing the saturation by 10% instead.

62, 46.077, 45.878

62, 46.077, 45.878

100, 46.077,
45.878

52, 46.077, 45.878

82, 46.077, 45.878

42, 46.077, 45.878

92, 46.077, 45.878

32, 46.077, 45.878

22, 46.077, 45.878

12, 46.077, 45.878

2, 46.077, 45.878

0, 46.077, 45.878

62, 46.077, 45.878

62, 46.077, 45.878

58, 56.056, 46.075

66, 36.580, 45.833

55, 66.210, 46.328

70, 27.692, 45.940

52, 75.816, 46.384

74, 19.438, 46.182

50, 83.509, 45.726

79, 11.801, 46.527

49, 85.476, 45.585

83, 4.737, 46.908

88, 1.805, 227.847

93, 7.883, 228.170

97, 12.218,
203.104

97, 12.821,
198.650

Harmonies

Complementary

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



62, 46.077, 45.878



71, 30.506, 234.448

Rectangle

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



62, 46.077, 45.878



62, 46.077, 95.878



62, 46.077, 225.878



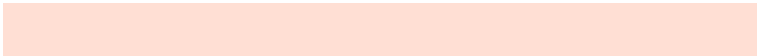
62, 46.077, 275.878

Sweetspot

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



62, 46.075, 45.882



91, 13.325, 46.528



58, 64.683, 336.560



47, 8.985, 46.451



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, 46.075, 45.882



67, 66.181, 46.138



76, 50.490, 89.999



44, 3.819, 46.828



39, 71.943, 46.048



8, 20.110, 35.917

Inverse Universe

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



71, 30.506, 234.448



79, 39.264, 237.780



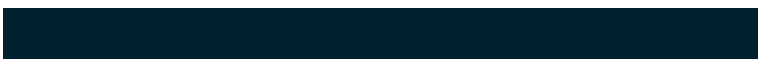
54, 53.709, 287.789



45, 3.618, 228.044



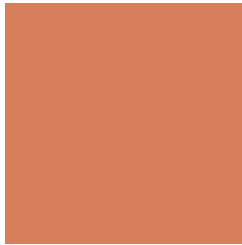
50, 34.878, 249.300



11, 13.374, 239.761

Previews

White Background



This preview shows how the CIELCh color 62, 46.077, 45.878 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, 46.077, 45.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

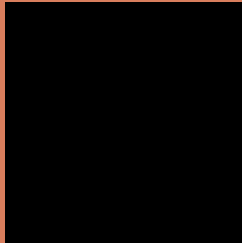
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 46.077, 45.878

Background



This preview shows how black text looks on a background with the CIELCh color 62, 46.077, 45.878.

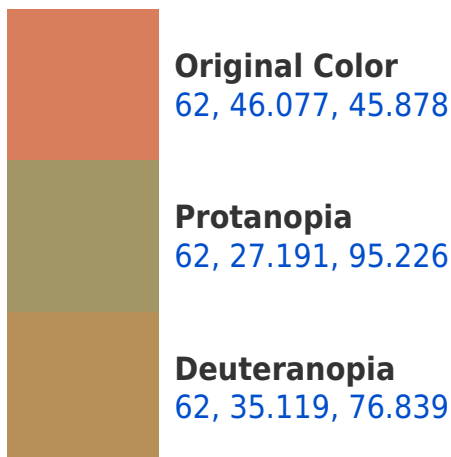


This preview shows how white text looks on a background with the CIELCh color 62, 46.077, 45.878.

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, 40.796, 17.333

Trichromacy



Original Color
62, 46.077, 45.878

Protanomaly
62, 30.366, 69.736

Deuteranomaly
62, 37.861, 63.495

Tritanomaly
62, 41.291, 29.126

Monochromacy



Original Color
62, 46.077, 45.878

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 15.361, 46.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 46.077, 45.878 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(217, 126, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 126, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 46.077, 45.878 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, 93) }
```

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

```
.border{ border-color:rgb(217, 126, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 126, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 126, 93);  
box-shadow:4px 4px 4px 4px rgb(217, 126,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 46.077, 45.878 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, 93) }
```

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

```
.background{ background-color: rgb(217,  
126, 93) }
```

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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