

Converting Colors

CIELCh(62, 44.040, 46.457)

Have a look what the booklet for
CIELCh(62, 44.040, 46.457) contains.

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Color

CIELCh(62, 44.017, 46.109)

Conversions

Conversions Part 1

Format	Color
Hex	D67F5F
RGB	214, 127, 95
RGB Percent	84%, 50%, 37%
CMY	0.1598, 0.5010, 0.6266
CMYK	0.00, 0.41, 0.56, 0.16
HSL	16°, 59%, 61%
HSV	16°, 56%, 84%
XYZ	37.5011, 30.4025, 14.7693
YIQ	149.3650, 62.1240, 8.4920

Conversions

Conversions Part 2

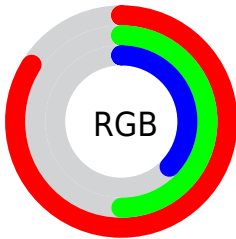
Format	Color
RYB	214, 139, 95
Decimal	14057311
CIELab	62.00, 30.52, 31.72
CIElCh	62, 44.017, 46.109
Yxy	30.4025, 0.4536, 0.3677
Android (android.graphics.Color)	4292247391 (0xFFD67F5F)
YUV	149.3650, -26.8019, 56.6849
Hunter-Lab	55.1385, 24.9101, 22.7156

Details

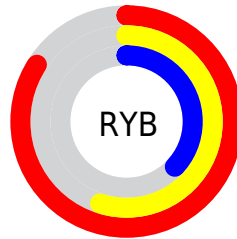
The CIELCh color **62, 44.017, 46.109** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **70, 29.618, 234.512**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 36.511, 51.409**, and **42, 43.956, 45.729** is the 20% darker color. If you saturate the color by 10%, you get **58, 53.819, 46.260**, and if you desaturate by 10%, it is **66, 34.720, 46.112**.

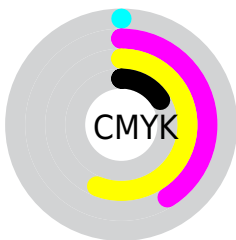
Distribution



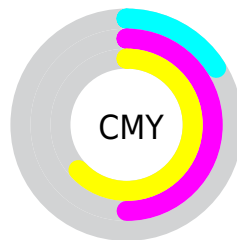
- Red (84%)
- Green (50%)
- Blue (37%)



- Red (84%)
- Yellow (55%)
- Blue (37%)



- Cyan (0%)
- Magenta (41%)
- Yellow (56%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 44.017, 46.109 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, 44.017, 46.109 by changing the saturation by 10% instead.

62, 44.017, 46.109

62, 44.017, 46.109

100, 44.017,
46.109

52, 44.017, 46.109

82, 44.017, 46.109

42, 44.017, 46.109

92, 44.017, 46.109

32, 44.017, 46.109

22, 44.017, 46.109

12, 44.017, 46.109

2, 44.017, 46.109

0, 44.017, 46.109

62, 44.017, 46.109

62, 44.017, 46.109

58, 53.819, 46.260

66, 34.720, 46.112

55, 63.864, 46.486

70, 26.034, 46.261

52, 73.529, 46.572

74, 17.972, 46.538

50, 81.522, 46.011

79, 10.513, 46.911

49, 84.568, 45.723

83, 3.612, 47.288

88, 2.785, 228.171

92, 8.732, 228.613

97, 12.851,
204.306

97, 13.649,
198.595

Harmonies

Complementary

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



62, 44.017, 46.109



70, 29.618, 234.512

Rectangle

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



62, 44.017, 46.109



62, 44.017, 96.109



62, 44.017, 226.109



62, 44.017, 276.109

Sweetspot

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



62, 44.015, 46.113



91, 13.313, 46.847



58, 61.887, 337.168



48, 8.977, 46.767



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, 44.015, 46.113



68, 63.777, 46.305



76, 49.265, 91.429



43, 3.742, 47.159



39, 71.029, 46.202



7, 18.664, 35.358

Inverse Universe

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



70, 29.618, 234.512



79, 38.612, 237.646



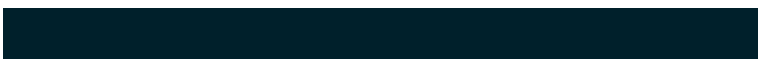
53, 52.736, 288.321



44, 3.547, 228.396



49, 34.607, 249.799



11, 12.910, 239.608

Previews

White Background



This preview shows how the CIELCh color 62, 44.017, 46.109 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, 44.017, 46.109 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, 44.017, 46.109

Background



This preview shows how black text looks on a background with the CIELCh color 62, 44.017, 46.109.



This preview shows how white text looks on a background with the CIELCh color 62, 44.017, 46.109.

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, 44.017, 46.109

Protanopia

62, 26.031, 95.831

Deuteranopia

62, 33.680, 75.764



Tritanopia
62, 39.513, 16.920

Trichromacy



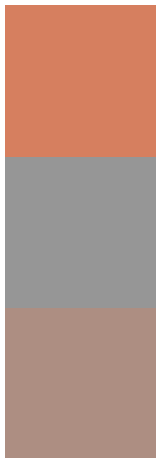
Original Color
62, 44.017, 46.109

Protanomaly
62, 28.997, 71.211

Deuteranomaly
62, 36.248, 62.486

Tritanomaly
62, 39.770, 28.386

Monochromacy



Original Color
62, 44.017, 46.109

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, 44.017, 46.109 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(214, 127, 95)` looks like.

```
.text, #text, p{  
    color:rgb(214, 127, 95)  
}
```

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(214, 127, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 127, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 44.017, 46.109 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(214, 127, 95) }
```

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

```
.border{ border-color:rgb(214, 127, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 127, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 127, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 127, 95);  
box-shadow:4px 4px 4px 4px rgb(214, 127,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 44.017, 46.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 127, 95) }
```

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

```
.background{ background-color: rgb(214,  
127, 95) }
```

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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