

Converting Colors

CIELCh(62, 58.329, 43.232)

Have a look what the booklet for
CIELCh(62, 58.329, 43.232) contains.

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Color

CIELCh(62, 58.441, 43.220)

Conversions

Conversions Part 1

Format	Color
Hex	E97451
RGB	233, 116, 81
RGB Percent	91%, 45%, 32%
CMY	0.0863, 0.5451, 0.6824
CMYK	0.00, 0.50, 0.65, 0.09
HSL	14°, 78%, 62%
HSV	14°, 65%, 91%
XYZ	41.3276, 30.4025, 11.4722
YIQ	146.9930, 80.9670, 13.9190

Conversions

Conversions Part 2

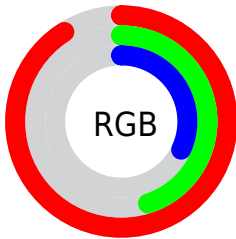
Format	Color
R _Y B	233, 126, 81
Decimal	15299665
CIE Lab	62.00, 42.59, 40.02
CIE LCh	62, 58.441, 43.220
Yxy	30.4025, 0.4967, 0.3654
Android (android.graphics.Color)	4293489745 (0xFFE97451)
YUV	146.9930, -32.5345, 75.4281
Hunter-Lab	55.1385, 37.2974, 26.2610

Details

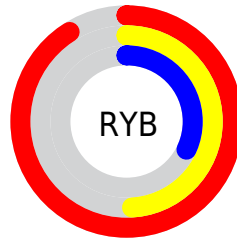
The CIELCh color **62, 58.441, 43.220** is a dark color, and the websafe version is hex **CC6633**, and the color name is **burnt sienna**. The color can be described as middle muted orange. A complement of this color would be **75, 35.031, 230.582**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 42.554, 50.504**, and **42, 58.657, 43.293** is the 20% darker color. If you saturate the color by 10%, you get **58, 69.409, 43.859**, and if you desaturate by 10%, it is **66, 47.728, 42.724**.

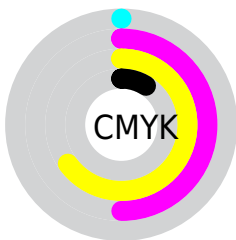
Distribution



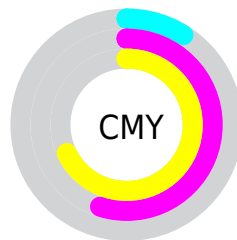
- Red (91%)
- Green (45%)
- Blue (32%)



- Red (91%)
- Yellow (49%)
- Blue (32%)



- Cyan (0%)
- Magenta (50%)
- Yellow (65%)
- Black (9%)



- Cyan (9%)
- Magenta (55%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 58.441, 43.220 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, 58.441, 43.220 by changing the saturation by 10% instead.

62, 58.441, 43.220

62, 58.441, 43.220

100, 58.441,
43.220

52, 58.441, 43.220

82, 58.441, 43.220

42, 58.441, 43.220

92, 58.441, 43.220

32, 58.441, 43.220

22, 58.441, 43.220

12, 58.441, 43.220

2, 58.441, 43.220

0, 58.441, 43.220

62, 58.441, 43.220

62, 58.441, 43.220

58, 69.409, 43.859

66, 47.728, 42.724

55, 79.954, 44.405

70, 37.571, 42.421

53, 88.614, 44.307

75, 28.085, 42.308

52, 91.927, 44.114

80, 19.295, 42.356

85, 11.179, 42.522

90, 3.689, 42.704

95, 3.231, 223.418

98, 7.527, 199.017

Harmonies

Complementary

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



62, 58.441, 43.220



75, 35.031, 230.582

Rectangle

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



62, 58.441, 43.220



62, 58.441, 93.220



62, 58.441, 223.220



62, 58.441, 273.220

Sweetspot

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



62, 58.439, 43.223



89, 16.105, 42.430



59, 77.466, 335.781



46, 11.117, 42.385



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, 58.439, 43.223



63, 77.970, 44.058



79, 59.217, 86.272



46, 4.093, 42.645



40, 75.676, 44.551



9, 24.496, 36.185

Inverse Universe

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



75, 35.031, 230.582



78, 41.311, 234.294



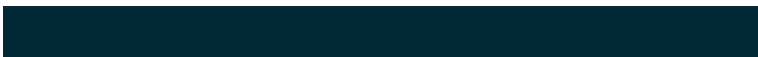
54, 62.757, 288.174



48, 3.865, 223.550



54, 34.681, 242.038



15, 14.524, 234.773

Previews

White Background



This preview shows how the CIELCh color 62, 58.441, 43.220 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, 58.441, 43.220 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, 58.441, 43.220

Background



This preview shows how black text looks on a background with the CIELCh color 62, 58.441, 43.220.



This preview shows how white text looks on a background with the CIELCh color 62, 58.441, 43.220.

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, 52.107, 21.162

Trichromacy



Original Color
62, 58.441, 43.220

Protanomaly
61, 36.407, 67.841

Deuteranomaly
62, 45.686, 62.626

Tritanomaly
62, 53.269, 30.088

Monochromacy



Original Color
62, 58.441, 43.220

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 19.331, 42.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 58.441, 43.220 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(233, 116, 81)` looks like.

```
.text, #text, p{  
    color:rgb(233, 116, 81)  
}
```

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(233, 116, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 116, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 58.441, 43.220 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(233, 116, 81) }
```

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

```
.border{ border-color:rgb(233, 116, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 116, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 116, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 116, 81);  
box-shadow:4px 4px 4px 4px rgb(233, 116,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 58.441, 43.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 116, 81) }
```

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

```
.background{ background-color: rgb(233,  
116, 81) }
```

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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