

Converting Colors

CIELCh(62, 56.643, 39.707)

Have a look what the booklet for
CIELCh(62, 56.643, 39.707) contains.

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Color

CIELCh(62, 56.548, 39.682)

Conversions

Conversions Part 1

Format	Color
Hex	E97358
RGB	233, 115, 88
RGB Percent	91%, 45%, 35%
CMY	0.0851, 0.5480, 0.6540
CMYK	0.00, 0.51, 0.62, 0.09
HSL	11°, 77%, 63%
HSV	11°, 62%, 91%
XYZ	41.6332, 30.4025, 12.9577
YIQ	147.2040, 78.9950, 16.6190

Conversions

Conversions Part 2

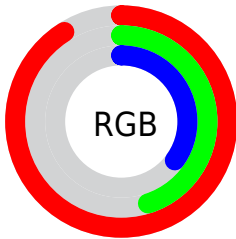
Format	Color
R _Y B	233, 121, 88
Decimal	15299416
CIE Lab	62.00, 43.52, 36.11
CIE LCh	62, 56.548, 39.682
Yxy	30.4025, 0.4898, 0.3577
Android (android.graphics.Color)	4293489496 (0xFFE97358)
YUV	147.2040, -29.1876, 75.2431
Hunter-Lab	55.1385, 38.2870, 24.6636

Details

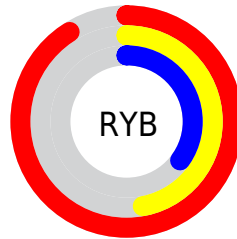
The CIELCh color **62, 56.548, 39.682** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **77, 34.241, 222.730**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 40.168, 45.111**, and **42, 56.658, 39.965** is the 20% darker color. If you saturate the color by 10%, you get **58, 67.698, 40.757**, and if you desaturate by 10%, it is **66, 45.739, 38.848**.

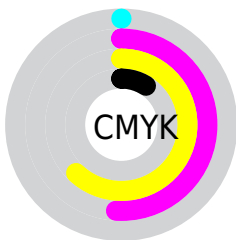
Distribution



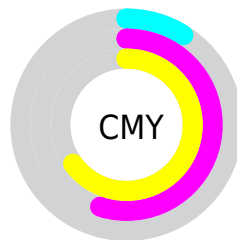
- Red (91%)
- Green (45%)
- Blue (35%)



- Red (91%)
- Yellow (47%)
- Blue (35%)



- Cyan (0%)
- Magenta (51%)
- Yellow (62%)
- Black (9%)



- Cyan (9%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 56.548, 39.682 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, 56.548, 39.682 by changing the saturation by 10% instead.

62, 56.548, 39.682

62, 56.548, 39.682

100, 56.548,
39.682

52, 56.548, 39.682

82, 56.548, 39.682

42, 56.548, 39.682

92, 56.548, 39.682

32, 56.548, 39.682

22, 56.548, 39.682

12, 56.548, 39.682

2, 56.548, 39.682

0, 56.548, 39.682

62, 56.548, 39.682

62, 56.548, 39.682

58, 67.698, 40.757

66, 45.739, 38.848

55, 78.650, 41.906

71, 35.522, 38.267

52, 88.178, 42.664

76, 25.994, 37.913

51, 93.740, 42.760

81, 17.176, 37.742

86, 9.045, 37.700

91, 1.552, 37.476

97, 5.363, 218.173

98, 7.421, 199.025

Harmonies

Complementary

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



62, 56.548, 39.682



77, 34.241, 222.730

Rectangle

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



62, 56.548, 39.682



62, 56.548, 89.682



62, 56.548, 219.682



62, 56.548, 269.682

Sweetspot

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



62, 56.546, 39.685



89, 15.611, 37.719



61, 76.560, 334.097



46, 10.875, 37.740



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, 56.546, 39.685



62, 76.207, 41.129



78, 55.556, 84.039



46, 4.191, 37.698



40, 77.130, 43.129



9, 25.127, 33.361

Inverse Universe

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



77, 34.241, 222.730



81, 40.457, 225.456



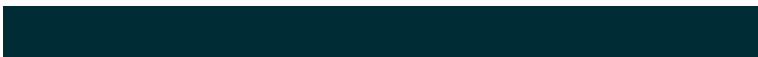
57, 56.820, 285.045



48, 3.947, 218.204



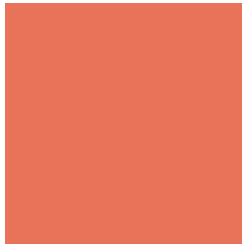
56, 33.785, 232.516



16, 14.418, 226.578

Previews

White Background



This preview shows how the CIELCh color 62, 56.548, 39.682 looks on a white background.

Color Contrast Check

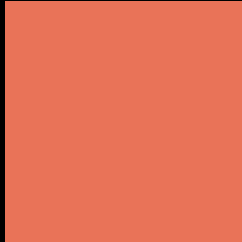
Large Text (above 18pt) WCAG AA × Fail

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, 56.548, 39.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

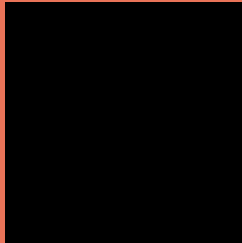
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 56.548, 39.682

Background



This preview shows how black text looks on a background with the CIELCh color 62, 56.548, 39.682.



This preview shows how white text looks on a background with the CIELCh color 62, 56.548, 39.682.

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, 56.548, 39.682

Protanopia

62, 27.191, 95.226

Deuteranopia

62, 38.478, 77.522



Tritanopia
62, 52.107, 21.162

Trichromacy



Original Color
62, 56.548, 39.682

Protanomaly
61, 32.855, 62.761

Deuteranomaly
62, 42.397, 59.374

Tritanomaly
62, 52.683, 28.427

Monochromacy



Original Color
62, 56.548, 39.682

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 18.825, 36.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 56.548, 39.682 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, 115, 88)` looks like.

```
.text, #text, p{  
    color:rgb(233, 115, 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(233, 115, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 115, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 56.548, 39.682 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, 115, 88) }
```

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

```
.border{ border-color:rgb(233, 115, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 115, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 115, 88); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 115, 88); box-shadow:4px 4px 4px 4px rgb(233, 115, 88) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 56.548, 39.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 115, 88) }
```

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

```
.background{ background-color: rgb(233,  
115, 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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