

Converting Colors

CIELCh(63, 67.522, 52.264)

Have a look what the booklet for
CIELCh(63, 67.522, 52.264) contains.

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Color

CIELCh(63, 67.504, 52.127)

Conversions

Conversions Part 1

Format	Color
Hex	ED7739
RGB	237, 119, 57
RGB Percent	93%, 47%, 22%
CMY	0.0696, 0.5325, 0.7757
CMYK	0.00, 0.50, 0.76, 0.07
HSL	21°, 84%, 58%
HSV	21°, 76%, 93%
XYZ	42.3719, 31.5869, 7.7600
YIQ	147.2140, 90.2300, 5.7340

Conversions

Conversions Part 2

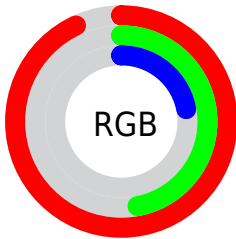
Format	Color
R _Y B	237, 152, 57
Decimal	15562553
CIE Lab	63.00, 41.44, 53.29
CIE LCh	63, 67.504, 52.127
Yxy	31.5869, 0.5185, 0.3865
Android (android.graphics.Color)	4293752633 (0xFFED7739)
YUV	147.2140, -44.4755, 78.7423
Hunter-Lab	56.2022, 36.2205, 31.1552

Details

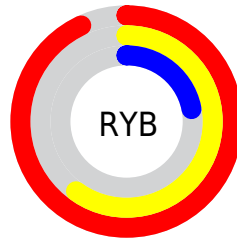
The CIELCh color **63, 67.504, 52.127** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **68, 42.028, 253.251**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 50.996, 62.442**, and **43, 67.801, 52.018** is the 20% darker color. If you saturate the color by 10%, you get **60, 77.300, 51.370**, and if you desaturate by 10%, it is **66, 57.137, 52.633**.

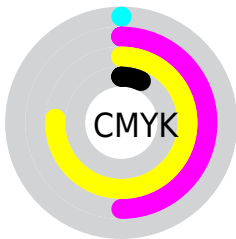
Distribution



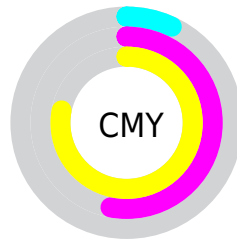
- Red (93%)
- Green (47%)
- Blue (22%)



- Red (93%)
- Yellow (60%)
- Blue (22%)



- Cyan (0%)
- Magenta (50%)
- Yellow (76%)
- Black (7%)



- Cyan (7%)
- Magenta (53%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 67.504, 52.127 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 63, 67.504, 52.127 by changing the saturation by 10% instead.

63, 67.504, 52.127

63, 67.504, 52.127

100, 67.504,
52.127

53, 67.504, 52.127

83, 67.504, 52.127

43, 67.504, 52.127

93, 67.504, 52.127

33, 67.504, 52.127

23, 67.504, 52.127

13, 67.504, 52.127

3, 67.504, 52.127

0, 67.504, 52.127

63, 67.504, 52.127

63, 67.504, 52.127

60, 77.300, 51.370

66, 57.137, 52.633

57, 85.169, 49.877

70, 46.927, 53.110

56, 87.880, 49.167

74, 37.186, 53.649

78, 28.034, 54.271

82, 19.492, 54.969

87, 11.538, 55.720

91, 4.127, 56.451

96, 2.793, 237.625

99, 6.095, 199.128

Harmonies

Complementary

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



63, 67.504, 52.127



68, 42.028, 253.251

Rectangle

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



63, 67.504, 52.127



63, 67.504, 102.127



63, 67.504, 232.127



63, 67.504, 282.127

Sweetspot

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



63, 67.502, 52.130



89, 18.172, 55.176



56, 80.060, 343.069



46, 12.745, 54.909



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63, 67.502, 52.130



63, 86.548, 50.685



83, 73.156, 93.472



48, 4.066, 56.205



44, 72.092, 49.757



11, 24.308, 45.891

Inverse Universe

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



68, 42.028, 253.251



68, 50.252, 260.388



44, 88.416, 297.530



48, 3.885, 238.049



48, 41.302, 263.910



13, 16.610, 255.455

Previews

White Background



This preview shows how the CIELCh color 63, 67.504, 52.127 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 63, 67.504, 52.127 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 63, 67.504, 52.127

Background



This preview shows how black text looks on a background with the CIELCh color 63, 67.504, 52.127.



This preview shows how white text looks on a background with the CIELCh color 63, 67.504, 52.127.

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

63, 67.504, 52.127

Protanopia

63, 46.678, 95.541

Deuteranopia

63, 55.100, 81.546



Tritanopia
63, 53.669, 21.463

Trichromacy



Original Color
63, 67.504, 52.127

Protanomaly
62, 49.793, 75.702

Deuteranomaly
63, 57.444, 69.039

Tritanomaly
63, 56.649, 35.119

Monochromacy



Original Color
63, 67.504, 52.127

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 22.882, 54.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 67.504, 52.127 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(237, 119, 57)` looks like.

```
.text, #text, p{  
    color:rgb(237, 119, 57)  
}
```

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(237, 119, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 119, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 67.504, 52.127 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(237, 119, 57) }
```

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

```
.border{ border-color:rgb(237, 119, 57) }
```

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

Here you see how a box with a 4 pixel rgb(237, 119, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 119, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 119, 57);  
box-shadow:4px 4px 4px 4px rgb(237, 119,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 67.504, 52.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 119, 57) }
```

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

```
.background{ background-color: rgb(237,  
119, 57) }
```

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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