

Converting Colors

CIELCh(62, 63.048, 57.821)

Have a look what the booklet for
CIELCh(62, 63.048, 57.821) contains.

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Color

CIELCh(62, 63.335, 57.956)

Conversions

Conversions Part 1

Format	Color
Hex	E07C35
RGB	224, 124, 53
RGB Percent	88%, 49%, 21%
CMY	0.1228, 0.5147, 0.7931
CMYK	0.00, 0.45, 0.76, 0.12
HSL	25°, 73%, 54%
HSV	25°, 76%, 88%
XYZ	38.4562, 30.4025, 7.1790
YIQ	145.8060, 82.3910, -0.8810

Conversions

Conversions Part 2

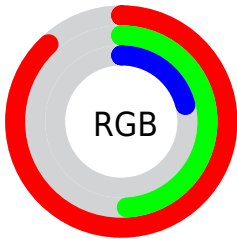
Format	Color
R _Y B	224, 174, 53
Decimal	14711861
CIE Lab	62.00, 33.60, 53.69
CIE LCh	62, 63.335, 57.956
Yxy	30.4025, 0.5058, 0.3998
Android (android.graphics.Color)	4292901941 (0xFFE07C35)
YUV	145.8060, -45.7534, 68.5761
Hunter-Lab	55.1385, 28.0020, 30.8774

Details

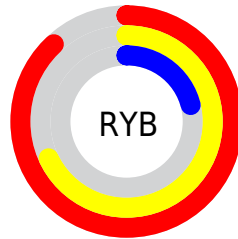
The CIELCh color **62, 63.335, 57.956** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **61, 44.400, 263.871**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 52.759, 66.912**, and **42, 62.299, 56.887** is the 20% darker color. If you saturate the color by 10%, you get **59, 71.923, 56.579**, and if you desaturate by 10%, it is **65, 54.026, 59.018**.

Distribution



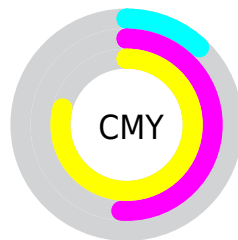
- Red (88%)
- Green (49%)
- Blue (21%)



- Red (88%)
- Yellow (68%)
- Blue (21%)



- Cyan (0%)
- Magenta (45%)
- Yellow (76%)
- Black (12%)



- Cyan (12%)
- Magenta (51%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 63.335, 57.956 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, 63.335, 57.956 by changing the saturation by 10% instead.

62, 63.335, 57.956

62, 63.335, 57.956

100, 63.335,
57.956

52, 63.335, 57.956

82, 63.335, 57.956

42, 63.335, 57.956

92, 63.335, 57.956

32, 63.335, 57.956

22, 63.335, 57.956

12, 63.335, 57.956

2, 63.335, 57.956

0, 63.335, 57.956

62, 63.335, 57.956

62, 63.335, 57.956

59, 71.923, 56.579

65, 54.026, 59.018

57, 78.615, 54.469

68, 44.705, 59.978

56, 80.715, 53.677

72, 35.701, 60.934

75, 27.149, 61.918

79, 19.085, 62.931

83, 11.500, 63.960

87, 4.360, 64.953

90, 2.374, 246.319

94, 8.748, 247.226

Harmonies

Complementary

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



62, 63.335, 57.956



61, 44.400, 263.871

Rectangle

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



62, 63.335, 57.956



62, 63.335, 107.956



62, 63.335, 237.956



62, 63.335, 287.956

Sweetspot

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



62, 63.333, 57.959



90, 18.292, 63.265



53, 73.894, 347.306



47, 12.805, 62.891



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, 63.333, 57.959



65, 84.359, 55.373



82, 73.425, 97.843



45, 3.903, 64.667



44, 67.129, 54.315



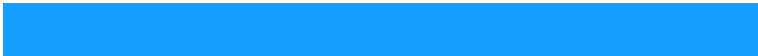
10, 19.899, 50.915

Inverse Universe

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



61, 44.400, 263.871



63, 57.513, 271.462



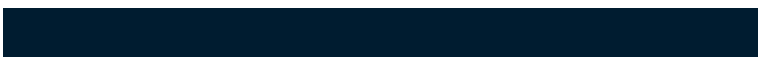
39, 91.983, 300.204



45, 3.769, 246.906



42, 45.878, 274.220



10, 16.507, 264.281

Previews

White Background



This preview shows how the CIELCh color 62, 63.335, 57.956 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, 63.335, 57.956 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, 63.335, 57.956

Background



This preview shows how black text looks on a background with the CIELCh color 62, 63.335, 57.956.



This preview shows how white text looks on a background with the CIELCh color 62, 63.335, 57.956.

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, 63.335, 57.956

Protanopia

62, 48.924, 96.143

Deuteranopia

62, 55.314, 81.966



Tritanopia
62, 46.400, 19.025

Trichromacy



Original Color
62, 63.335, 57.956

Protanomaly
62, 50.916, 79.441

Deuteranomaly
62, 56.918, 72.239

Tritanomaly
62, 49.606, 36.907

Monochromacy



Original Color
62, 63.335, 57.956

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 21.573, 62.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 63.335, 57.956 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(224, 124, 53)` looks like.

```
.text, #text, p{  
    color:rgb(224, 124, 53)  
}
```

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(224, 124, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 124, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 63.335, 57.956 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(224, 124, 53) }
```

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

```
.border{ border-color:rgb(224, 124, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 124, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 124, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 124, 53);  
box-shadow:4px 4px 4px 4px rgb(224, 124,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 63.335, 57.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 124, 53) }
```

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

```
.background{ background-color: rgb(224,  
124, 53) }
```

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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