

Converting Colors

CIELCh(62, 56.264, 57.791)

Have a look what the booklet for
CIELCh(62, 56.264, 57.791) contains.

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Color

CIELCh(62, 56.470, 57.743)

Conversions

Conversions Part 1

Format	Color
Hex	DA7F41
RGB	218, 127, 65
RGB Percent	85%, 50%, 25%
CMY	0.1458, 0.5025, 0.7456
CMYK	0.00, 0.42, 0.70, 0.15
HSL	24°, 67%, 55%
HSV	24°, 70%, 85%
XYZ	37.3854, 30.4025, 8.8787
YIQ	147.1410, 74.1380, 0.0100

Conversions

Conversions Part 2

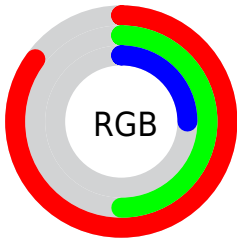
Format	Color
RYB	218, 169, 65
Decimal	14319425
CIELab	62.00, 30.14, 47.75
CIELCh	62, 56.470, 57.743
Yxy	30.4025, 0.4876, 0.3966
Android (android.graphics.Color)	4292509505 (0xFFDA7F41)
YUV	147.1410, -40.4955, 62.1433
Hunter-Lab	55.1385, 24.5356, 29.0497

Details

The CIELCh color **62, 56.470, 57.743** 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 **62, 39.978, 259.911**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 48.304, 64.932**, and **42, 56.519, 57.857** is the 20% darker color. If you saturate the color by 10%, you get **59, 65.516, 56.678**, and if you desaturate by 10%, it is **65, 47.233, 58.662**.

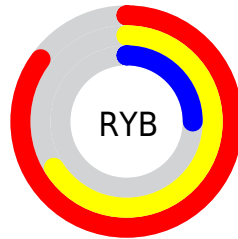
Distribution



Red (85%)

Green (50%)

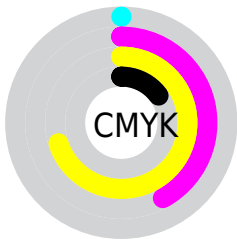
Blue (25%)



Red (85%)

Yellow (66%)

Blue (25%)

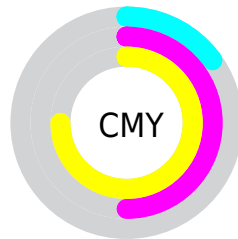


Cyan (0%)

Magenta (42%)

Yellow (70%)

Black (15%)



Cyan (15%)

Magenta (50%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 56.470, 57.743 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, 56.470, 57.743 by changing the saturation by 10% instead.

62, 56.470, 57.743

62, 56.470, 57.743

100, 56.470,
57.743

52, 56.470, 57.743

82, 56.470, 57.743

42, 56.470, 57.743

92, 56.470, 57.743

32, 56.470, 57.743

22, 56.470, 57.743

12, 56.470, 57.743

2, 56.470, 57.743

0, 56.470, 57.743

62, 56.470, 57.743

62, 56.470, 57.743

59, 65.516, 56.678

65, 47.233, 58.662

56, 73.506, 55.164

69, 38.238, 59.556

54, 79.514, 53.063

72, 29.669, 60.479

76, 21.585, 61.439

79, 13.989, 62.427

83, 6.853, 63.414

87, 0.138, 61.107

91, 6.200, 245.621

95, 10.332,
234.180

Harmonies

Complementary

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



62, 56.470, 57.743



62, 39.978, 259.911

Rectangle

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



62, 56.470, 57.743



62, 56.470, 107.743



62, 56.470, 237.743



62, 56.470, 287.743

Sweetspot

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



62, 56.469, 57.746



91, 16.559, 62.331



53, 68.921, 346.145



47, 11.307, 62.054



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, 56.469, 57.746



67, 78.093, 56.074



81, 67.711, 98.428



44, 3.817, 63.489



43, 66.739, 53.675



9, 18.668, 49.113

Inverse Universe

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



62, 39.978, 259.911



66, 52.415, 266.169



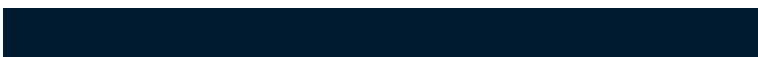
41, 82.140, 298.568



44, 3.681, 245.676



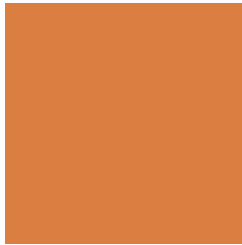
42, 44.433, 272.819



9, 15.604, 262.187

Previews

White Background



This preview shows how the CIELCh color 62, 56.470, 57.743 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, 56.470, 57.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

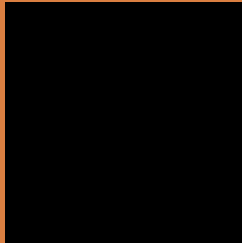
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 56.470, 57.743

Background



This preview shows how black text looks on a background with the CIELCh color 62, 56.470, 57.743.



This preview shows how white text looks on a background with the CIELCh color 62, 56.470, 57.743.

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, 42.558, 18.588

Trichromacy



Original Color
62, 56.470, 57.743

Protanomaly
62, 45.092, 79.506

Deuteranomaly
62, 50.906, 71.485

Tritanomaly
62, 44.766, 35.746

Monochromacy



Original Color
62, 56.470, 57.743

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 19.284, 61.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 56.470, 57.743 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(218, 127, 65)` looks like.

```
.text, #text, p{  
    color:rgb(218, 127, 65)  
}
```

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(218, 127, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 127, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 56.470, 57.743 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(218, 127, 65) }
```

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

```
.border{ border-color:rgb(218, 127, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 127, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 127, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 127, 65);  
box-shadow:4px 4px 4px 4px rgb(218, 127,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 56.470, 57.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 127, 65) }
```

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

```
.background{ background-color: rgb(218,  
127, 65) }
```

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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