

Converting Colors

CIELCh(62, 56.063, 51.109)

Have a look what the booklet for
CIELCh(62, 56.063, 51.109) contains.

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Color

CIELCh(62, 56.264, 51.424)

Conversions

Conversions Part 1

Format	Color
Hex	E07B49
RGB	224, 123, 73
RGB Percent	88%, 48%, 29%
CMY	0.1225, 0.5184, 0.7145
CMYK	0.00, 0.45, 0.67, 0.12
HSL	20°, 71%, 58%
HSV	20°, 67%, 88%
XYZ	38.9197, 30.4025, 10.0871
YIQ	147.4990, 76.2460, 5.8620

Conversions

Conversions Part 2

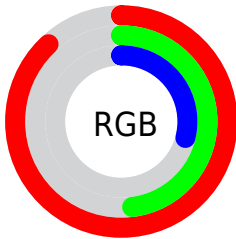
Format	Color
R _Y B	224, 148, 73
Decimal	14711625
CIE Lab	62.00, 35.08, 43.99
CIE LCh	62, 56.264, 51.424
Yxy	30.4025, 0.4901, 0.3829
Android (android.graphics.Color)	4292901705 (0xFFE07B49)
YUV	147.4990, -36.7280, 67.0914
Hunter-Lab	55.1385, 29.5025, 27.7504

Details

The CIELCh color **62, 56.264, 51.424** 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 **67, 36.444, 247.850**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 45.057, 59.756**, and **42, 56.144, 51.396** is the 20% darker color. If you saturate the color by 10%, you get **59, 66.228, 51.031**, and if you desaturate by 10%, it is **66, 46.399, 51.794**.

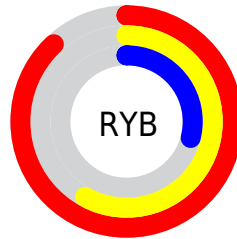
Distribution



Red (88%)

Green (48%)

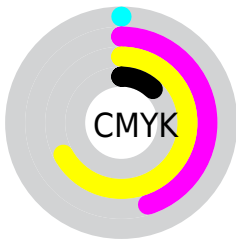
Blue (29%)



Red (88%)

Yellow (58%)

Blue (29%)

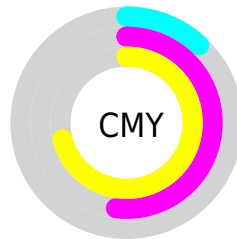


Cyan (0%)

Magenta (45%)

Yellow (67%)

Black (12%)



Cyan (12%)

Magenta (52%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 56.264, 51.424 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, 56.264, 51.424 by changing the saturation by 10% instead.

62, 56.264, 51.424

62, 56.264, 51.424

100, 56.264,
51.424

52, 56.264, 51.424

82, 56.264, 51.424

42, 56.264, 51.424

92, 56.264, 51.424

32, 56.264, 51.424

22, 56.264, 51.424

12, 56.264, 51.424

2, 56.264, 51.424

0, 56.264, 51.424

62, 56.264, 51.424

62, 56.264, 51.424

59, 66.228, 51.031

66, 46.399, 51.794

56, 75.542, 50.345

69, 36.973, 52.229

53, 82.898, 48.910

73, 28.113, 52.757

53, 84.604, 48.572

77, 19.849, 53.372

82, 12.162, 54.052

86, 5.011, 54.741

90, 1.655, 235.957

95, 7.888, 236.514

98, 10.579,
198.800

Harmonies

Complementary

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



62, 56.264, 51.424



67, 36.444, 247.850

Rectangle

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



62, 56.264, 51.424



62, 56.264, 101.424



62, 56.264, 231.424



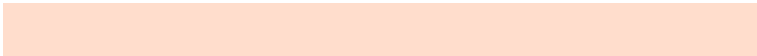
62, 56.264, 281.424

Sweetspot

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



62, 56.262, 51.427



90, 15.642, 53.864



56, 71.995, 340.924



47, 10.784, 53.670



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, 56.262, 51.427



65, 77.506, 50.806



80, 63.058, 93.371



45, 3.850, 54.611



42, 70.284, 49.139



9, 20.629, 42.541

Inverse Universe

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



67, 36.444, 247.850



72, 45.735, 253.409



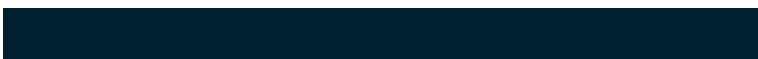
47, 72.372, 294.273



45, 3.673, 236.350



47, 38.994, 261.503



11, 14.703, 251.573

Previews

White Background



This preview shows how the CIELCh color 62, 56.264, 51.424 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, 56.264, 51.424 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, 56.264, 51.424

Background



This preview shows how black text looks on a background with the CIELCh color 62, 56.264, 51.424.



This preview shows how white text looks on a background with the CIELCh color 62, 56.264, 51.424.

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, 46.017, 19.552

Trichromacy



Original Color
62, 56.264, 51.424

Protanomaly
61, 40.364, 74.926

Deuteranomaly
62, 48.050, 67.933

Tritanomaly
62, 47.915, 32.893

Monochromacy



Original Color
62, 56.264, 51.424

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 18.856, 52.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 56.264, 51.424 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, 123, 73)` looks like.

```
.text, #text, p{  
    color:rgb(224, 123, 73)  
}
```

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, 123, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 123, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 56.264, 51.424 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, 123, 73) }
```

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

```
.border{ border-color:rgb(224, 123, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 123, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 123, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 123, 73);  
box-shadow:4px 4px 4px 4px rgb(224, 123,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 56.264, 51.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 123, 73) }
```

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

```
.background{ background-color: rgb(224,  
123, 73) }
```

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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