

Converting Colors

CIELCh(62, 67.601, 60.868)

Have a look what the booklet for
CIELCh(62, 67.601, 60.868) contains.

CIELCh(62, 67.677, 60.667)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 67.677, 60.667)

Conversions

Conversions Part 1

Format	Color
Hex	E07C28
RGB	224, 124, 40
RGB Percent	88%, 49%, 16%
CMY	0.1217, 0.5138, 0.8432
CMYK	0.00, 0.45, 0.82, 0.12
HSL	27°, 75%, 52%
HSV	27°, 82%, 88%
XYZ	38.3161, 30.4025, 5.8535
YIQ	144.3240, 86.5640, -4.9240

Conversions

Conversions Part 2

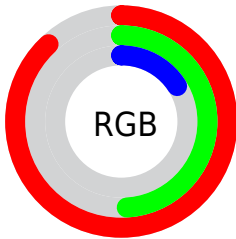
Format	Color
R _Y B	224, 195, 40
Decimal	14711848
CIE Lab	62.00, 33.15, 59.00
CIE LCh	62, 67.677, 60.667
Yxy	30.4025, 0.5138, 0.4077
Android (android.graphics.Color)	4292901928 (0xFFE07C28)
YUV	144.3240, -51.4317, 69.8759
Hunter-Lab	55.1385, 27.5483, 32.3027

Details

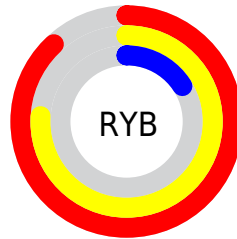
The CIELCh color **62, 67.677, 60.667** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **57, 50.582, 271.705**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 57.250, 69.035**, and **42, 61.745, 57.580** is the 20% darker color. If you saturate the color by 10%, you get **59, 74.830, 58.661**, and if you desaturate by 10%, it is **65, 59.064, 62.136**.

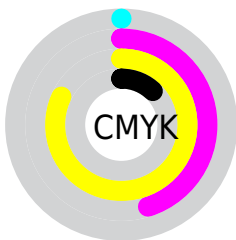
Distribution



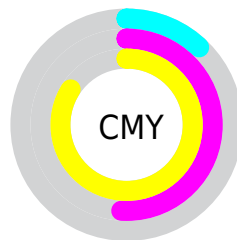
- Red (88%)
- Green (49%)
- Blue (16%)



- Red (88%)
- Yellow (76%)
- Blue (16%)



- Cyan (0%)
- Magenta (45%)
- Yellow (82%)
- Black (12%)



- Cyan (12%)
- Magenta (51%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 67.677, 60.667 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, 67.677, 60.667 by changing the saturation by 10% instead.

62, 67.677, 60.667

62, 67.677, 60.667

100, 67.677,
60.667

52, 67.677, 60.667

82, 67.677, 60.667

42, 67.677, 60.667

92, 67.677, 60.667

32, 67.677, 60.667

22, 67.677, 60.667

12, 67.677, 60.667

2, 67.677, 60.667

0, 67.677, 60.667

62, 67.677, 60.667

62, 67.677, 60.667

59, 74.830, 58.661

65, 59.064, 62.136

57, 79.066, 56.645

68, 49.975, 63.372

71, 40.943, 64.529

74, 32.220, 65.673

78, 23.904, 66.823

81, 16.019, 67.977

85, 8.551, 69.118

88, 1.470, 70.029

92, 5.261, 251.551

Harmonies

Complementary

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



62, 67.677, 60.667



57, 50.582, 271.705

Rectangle

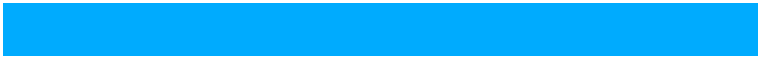
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62, 67.677, 60.667



62, 67.677, 110.667



62, 67.677, 240.667



62, 67.677, 290.667

Sweetspot

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



62, 67.675, 60.670



90, 20.253, 67.628



51, 74.616, 352.132



47, 13.954, 67.219



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, 67.675, 60.670



65, 86.828, 56.610



84, 79.470, 100.445



45, 3.972, 69.418



46, 65.744, 57.302



11, 19.709, 55.379

Inverse Universe

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



57, 50.582, 271.705



58, 66.713, 280.017



34, 104.225, 303.114



45, 3.860, 251.814



40, 49.901, 279.280



9, 17.638, 269.630

Previews

White Background



This preview shows how the CIELCh color 62, 67.677, 60.667 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, 67.677, 60.667 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, 67.677, 60.667

Background



This preview shows how black text looks on a background with the CIELCh color 62, 67.677, 60.667.



This preview shows how white text looks on a background with the CIELCh color 62, 67.677, 60.667.

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, 67.677, 60.667

Protanopia

62, 54.474, 95.851

Deuteranopia

62, 60.700, 82.793



Tritanopia
62, 46.896, 19.796

Trichromacy



Original Color
62, 67.677, 60.667

Protanomaly
62, 56.127, 81.084

Deuteranomaly
62, 62.071, 73.830

Tritanomaly
62, 51.672, 39.982

Monochromacy



Original Color
62, 67.677, 60.667

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 23.765, 66.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 67.677, 60.667 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, 40)` looks like.

```
.text, #text, p{  
    color:rgb(224, 124, 40)  
}
```

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, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 124, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 67.677, 60.667 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, 40) }
```

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

```
.border{ border-color:rgb(224, 124, 40) }
```

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, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 124, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 124, 40);  
box-shadow:4px 4px 4px 4px rgb(224, 124,  
40) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 67.677, 60.667 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, 40) }
```

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

```
.background{ background-color: rgb(224,  
124, 40) }
```

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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