

Converting Colors

CIELCh(62, 61.204, 48.985)

Have a look what the booklet for
CIELCh(62, 61.204, 48.985) contains.

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Color

CIELCh(62, 61.204, 48.985)

Conversions

Conversions Part 1

Format	Color
Hex	E77645
RGB	231, 118, 69
RGB Percent	91%, 46%, 27%
CMY	0.0938, 0.5370, 0.7292
CMYK	0.00, 0.49, 0.70, 0.09
HSL	18°, 77%, 59%
HSV	18°, 70%, 91%
XYZ	40.5398, 30.4025, 9.3709
YIQ	146.2010, 83.0770, 8.7170

Conversions

Conversions Part 2

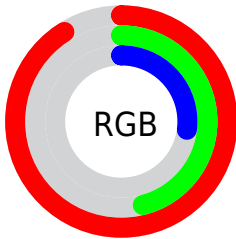
Format	Color
R_{YB}	231, 139, 69
Decimal	15169093
CIE _{Lab}	62.00, 40.17, 46.18
CIE _{LCh}	62, 61.204, 48.985
Yxy	30.4025, 0.5048, 0.3785
Android (android.graphics.Color)	4293359173 (0xFFE77645)
YUV	146.2010, -38.0601, 74.3687
Hunter-Lab	55.1385, 34.7473, 28.5205

Details

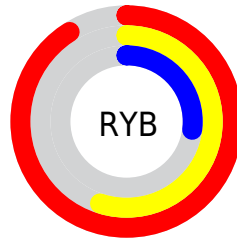
The CIELCh color **62, 61.204, 48.985** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **70, 37.493, 244.155**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 46.715, 57.682**, and **42, 61.272, 48.967** is the 20% darker color. If you saturate the color by 10%, you get **59, 71.573, 48.832**, and if you desaturate by 10%, it is **66, 50.811, 49.099**.

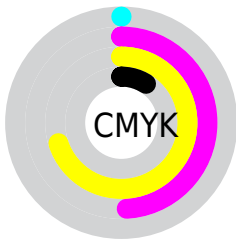
Distribution



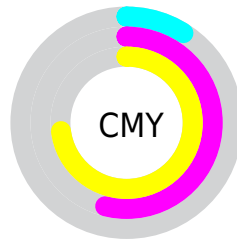
- Red (91%)
- Green (46%)
- Blue (27%)



- Red (91%)
- Yellow (55%)
- Blue (27%)



- Cyan (0%)
- Magenta (49%)
- Yellow (70%)
- Black (9%)



- Cyan (9%)
- Magenta (54%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 61.204, 48.985 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, 61.204, 48.985 by changing the saturation by 10% instead.

62, 61.204, 48.985

62, 61.204, 48.985

100, 61.204,
48.985

52, 61.204, 48.985

82, 61.204, 48.985

42, 61.204, 48.985

92, 61.204, 48.985

32, 61.204, 48.985

22, 61.204, 48.985

12, 61.204, 48.985

2, 61.204, 48.985

0, 61.204, 48.985

62, 61.204, 48.985

62, 61.204, 48.985

59, 71.573, 48.832

66, 50.811, 49.099

56, 80.960, 48.292

70, 40.835, 49.294

53, 88.109, 47.072

74, 31.448, 49.608

78, 22.701, 50.035

82, 14.585, 50.554

87, 7.059, 51.121

92, 0.073, 44.145

96, 6.433, 232.650

98, 8.165, 198.970

Harmonies

Complementary

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



62, 61.204, 48.985



70, 37.493, 244.155

Rectangle

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



62, 61.204, 48.985



62, 61.204, 98.985



62, 61.204, 228.985



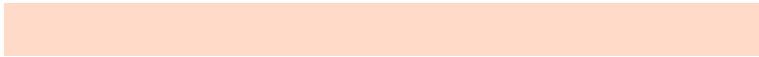
62, 61.204, 278.985

Sweetspot

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



62, 61.202, 48.988



90, 16.557, 50.499



57, 76.514, 340.374



46, 11.328, 50.349



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, 61.202, 48.988



63, 81.719, 48.675



81, 66.021, 91.857



46, 3.932, 51.158



41, 72.181, 47.632



9, 22.250, 40.865

Inverse Universe

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



70, 37.493, 244.155



73, 45.174, 249.821



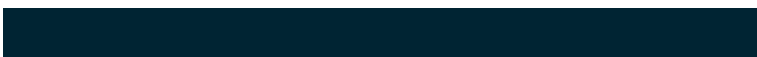
48, 75.863, 294.271



46, 3.738, 232.681



49, 37.574, 256.445



12, 14.779, 247.333

Previews

White Background



This preview shows how the CIELCh color 62, 61.204, 48.985 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, 61.204, 48.985 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, 61.204, 48.985

Background



This preview shows how black text looks on a background with the CIELCh color 62, 61.204, 48.985.



This preview shows how white text looks on a background with the CIELCh color 62, 61.204, 48.985.

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, 61.204, 48.985

Protanopia

62, 39.410, 95.304

Deuteranopia

62, 48.432, 80.321



Tritanopia
62, 51.229, 20.932

Trichromacy



Original Color
62, 61.204, 48.985

Protanomaly
61, 43.027, 72.394

Deuteranomaly
62, 51.029, 66.781

Tritanomaly
62, 53.422, 32.754

Monochromacy



Original Color
62, 61.204, 48.985

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 20.429, 50.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 61.204, 48.985 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(231, 118, 69)` looks like.

```
.text, #text, p{  
    color:rgb(231, 118, 69)  
}
```

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(231, 118, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 118, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 61.204, 48.985 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(231, 118, 69) }
```

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

```
.border{ border-color:rgb(231, 118, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 118, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 118, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 118, 69);  
box-shadow:4px 4px 4px 4px rgb(231, 118,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 61.204, 48.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 118, 69) }
```

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

```
.background{ background-color: rgb(231,  
118, 69) }
```

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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