

Converting Colors

CIELCh(67, 50.323, 61.337)

Have a look what the booklet for
CIELCh(67, 50.323, 61.337) contains.

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Color

CIELCh(67, 50.323, 61.337)

Conversions

Conversions Part 1

Format	Color
Hex	E09154
RGB	224, 145, 84
RGB Percent	88%, 57%, 33%
CMY	0.1225, 0.4322, 0.6714
CMYK	0.00, 0.35, 0.63, 0.12
HSL	26°, 69%, 60%
HSV	26°, 63%, 88%
XYZ	42.3511, 36.6320, 13.1850
YIQ	161.6670, 66.6650, -2.2230

Conversions

Conversions Part 2

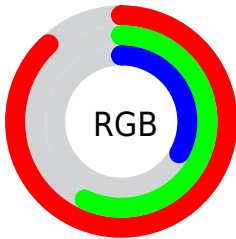
Format	Color
R _Y B	224, 192, 84
Decimal	14717268
CIE Lab	67.00, 24.14, 44.16
CIE LCh	67, 50.323, 61.337
Yxy	36.6320, 0.4595, 0.3974
Android (android.graphics.Color)	4292907348 (0xFFE09154)
YUV	161.6670, -38.2898, 54.6660
Hunter-Lab	60.5244, 18.9855, 29.4509

Details

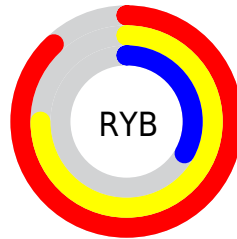
The CIELCh color **67, 50.323, 61.337** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **64, 38.536, 261.212**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 41.439, 72.760**, and **47, 50.581, 61.206** is the 20% darker color. If you saturate the color by 10%, you get **64, 59.547, 60.213**, and if you desaturate by 10%, it is **70, 41.195, 62.402**.

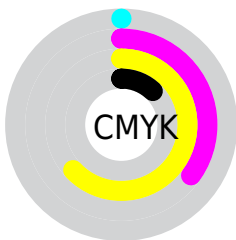
Distribution



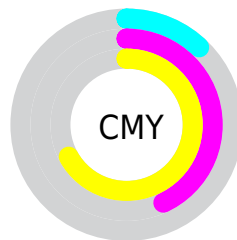
- Red (88%)
- Green (57%)
- Blue (33%)



- Red (88%)
- Yellow (75%)
- Blue (33%)



- Cyan (0%)
- Magenta (35%)
- Yellow (63%)
- Black (12%)



- Cyan (12%)
- Magenta (43%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 50.323, 61.337 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 67, 50.323, 61.337 by changing the saturation by 10% instead.

67, 50.323, 61.337

67, 50.323, 61.337

100, 50.323,
61.337

57, 50.323, 61.337

87, 50.323, 61.337

47, 50.323, 61.337

97, 50.323, 61.337

37, 50.323, 61.337

27, 50.323, 61.337

17, 50.323, 61.337

7, 50.323, 61.337

0, 50.323, 61.337

67, 50.323, 61.337

67, 50.323, 61.337

64, 59.547, 60.213

70, 41.195, 62.402

61, 68.327, 58.857

74, 32.413, 63.461

58, 75.657, 56.942

77, 24.071, 64.537

57, 79.856, 55.114

81, 16.190, 65.629

84, 8.751, 66.718

88, 1.723, 67.619

92, 4.935, 249.078

96, 8.732, 231.919

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.



67, 50.323, 61.337



64, 38.536, 261.212

Rectangle

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



67, 50.323, 61.337



67, 50.323, 111.337



67, 50.323, 241.337



67, 50.323, 291.337

Sweetspot

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



67, 50.322, 61.341



92, 15.017, 66.003



57, 63.719, 346.933



48, 10.423, 65.687



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 50.322, 61.341



71, 68.724, 59.841



84, 64.719, 101.029



45, 3.934, 67.046



45, 66.422, 55.762



10, 19.789, 53.108

Inverse Universe

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



64, 38.536, 261.212



68, 50.095, 266.218



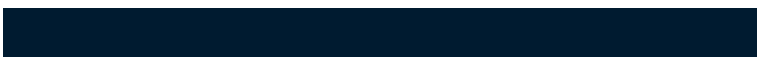
46, 76.819, 297.923



45, 3.810, 249.371



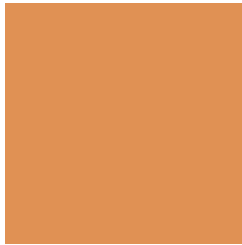
41, 47.830, 276.820



9, 17.051, 267.009

Previews

White Background



This preview shows how the CIELCh color 67, 50.323, 61.337 looks on a white background.

Color Contrast Check

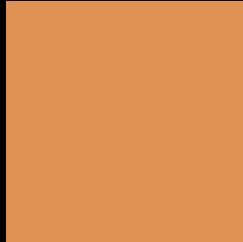
Large Text (above 18pt) WCAG AA × Fail

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 67, 50.323, 61.337 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 67, 50.323, 61.337

Background



This preview shows how black text looks on a background with the CIELCh color 67, 50.323, 61.337.



This preview shows how white text looks on a background with the CIELCh color 67, 50.323, 61.337.

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



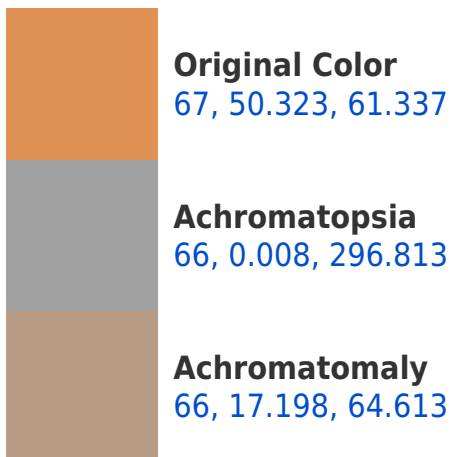


Tritanopia
67, 37.127, 15.075

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 50.323, 61.337 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, 145, 84)` looks like.

```
.text, #text, p{  
    color:rgb(224, 145, 84)  
}
```

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, 145, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 145, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 50.323, 61.337 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, 145, 84) }
```

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

```
.border{ border-color:rgb(224, 145, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 145, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 145, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 145, 84);  
box-shadow:4px 4px 4px 4px rgb(224, 145,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 50.323, 61.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 145, 84) }
```

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

```
.background{ background-color: rgb(224,  
145, 84) }
```

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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