

Converting Colors

CIELCh(61, 47.324, 47.420)

Have a look what the booklet for
CIELCh(61, 47.324, 47.420) contains.

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Color

CIELCh(61, 47.324, 47.420)

Conversions

Conversions Part 1

Format	Color
Hex	D67B57
RGB	214, 123, 87
RGB Percent	84%, 48%, 34%
CMY	0.1598, 0.5167, 0.6580
CMYK	0.00, 0.42, 0.59, 0.16
HSL	17°, 61%, 59%
HSV	17°, 59%, 84%
XYZ	36.6467, 29.2481, 12.7756
YIQ	146.1050, 65.7920, 8.0960

Conversions

Conversions Part 2

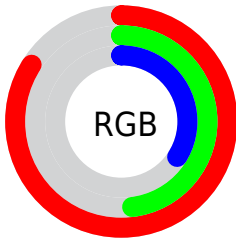
Format	Color
R_{YB}	214, 137, 87
Decimal	14056279
CIE Lab	61.00, 32.02, 34.85
CIE LCh	61, 47.324, 47.420
Yxy	29.2481, 0.4658, 0.3718
Android (android.graphics.Color)	4292246359 (0xFFD67B57)
YUV	146.1050, -29.1388, 59.5439
Hunter-Lab	54.0815, 26.3124, 23.8510

Details

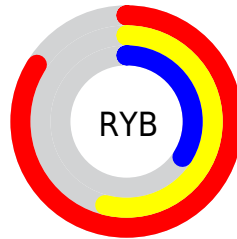
The CIELCh color **61, 47.324, 47.420** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **69, 31.178, 237.718**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 39.622, 51.641**, and **41, 47.390, 47.768** is the 20% darker color. If you saturate the color by 10%, you get **57, 57.178, 47.479**, and if you desaturate by 10%, it is **65, 37.895, 47.482**.

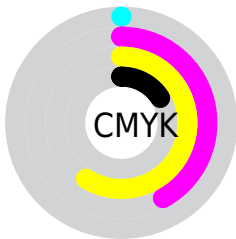
Distribution



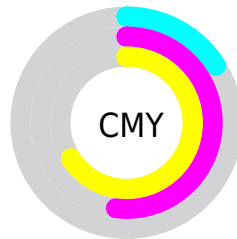
- Red (84%)
- Green (48%)
- Blue (34%)



- Red (84%)
- Yellow (54%)
- Blue (34%)



- Cyan (0%)
- Magenta (42%)
- Yellow (59%)
- Black (16%)



- Cyan (16%)
- Magenta (52%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 47.324, 47.420 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 61, 47.324, 47.420 by changing the saturation by 10% instead.

61, 47.324, 47.420

61, 47.324, 47.420

100, 47.324,
47.420

51, 47.324, 47.420

81, 47.324, 47.420

41, 47.324, 47.420

91, 47.324, 47.420

31, 47.324, 47.420

21, 47.324, 47.420

11, 47.324, 47.420

1, 47.324, 47.420

0, 47.324, 47.420

61, 47.324, 47.420

61, 47.324, 47.420

57, 57.178, 47.479

65, 37.895, 47.482

54, 67.094, 47.536

69, 29.043, 47.678

52, 76.238, 47.288

73, 20.807, 48.000

49, 83.445, 46.382

77, 13.173, 48.422

49, 83.939, 46.348

82, 6.105, 48.894

86, 0.449, 230.766

91, 6.544, 230.269

95, 11.479,
222.565

97, 13.649,
198.595

Harmonies

Complementary

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



61, 47.324, 47.420



69, 31.178, 237.718

Rectangle

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



61, 47.324, 47.420



61, 47.324, 97.420



61, 47.324, 227.420



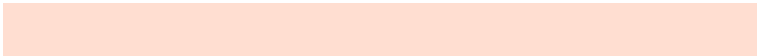
61, 47.324, 277.420

Sweetspot

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



61, 47.322, 47.424



91, 14.091, 48.473



56, 64.567, 338.305



47, 9.905, 48.339



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 47.322, 47.424



67, 67.946, 47.500



76, 53.037, 92.118



43, 3.728, 48.889



39, 70.497, 46.846



7, 18.507, 36.476

Inverse Universe

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



69, 31.178, 237.718



77, 40.321, 241.389



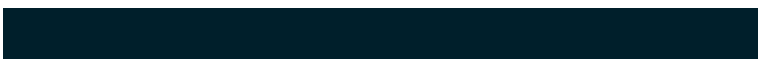
51, 57.911, 290.248



43, 3.538, 230.248



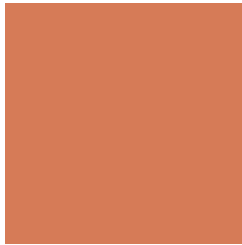
48, 35.296, 252.662



10, 13.034, 242.143

Previews

White Background



This preview shows how the CIELCh color 61, 47.324, 47.420 looks on a white background.

Color Contrast Check

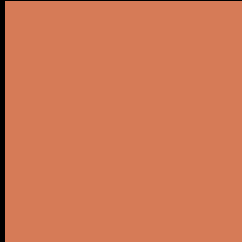
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 47.324, 47.420 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 × Fail

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

CIELCh 61, 47.324, 47.420

Background



This preview shows how black text looks on a background with the CIELCh color 61, 47.324, 47.420.



This preview shows how white text looks on a background with the CIELCh color 61, 47.324, 47.420.

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
61, 41.367, 17.572

Trichromacy



Original Color
61, 47.324, 47.420

Protanomaly
61, 32.030, 72.277

Deuteranomaly
61, 38.945, 65.242

Tritanomaly
61, 41.917, 29.205

Monochromacy



Original Color
61, 47.324, 47.420

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 15.730, 48.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 47.324, 47.420 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(214, 123, 87)` looks like.

```
.text, #text, p{  
    color:rgb(214, 123, 87)  
}
```

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(214, 123, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 123, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 47.324, 47.420 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(214, 123, 87) }
```

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

```
.border{ border-color:rgb(214, 123, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 123, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 123, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 123, 87);  
box-shadow:4px 4px 4px 4px rgb(214, 123,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 47.324, 47.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 123, 87) }
```

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

```
.background{ background-color: rgb(214,  
123, 87) }
```

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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