

Converting Colors

CIELCh(61, 46.575, 47.113)

Have a look what the booklet for
CIELCh(61, 46.575, 47.113) contains.

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Color

CIELCh(61, 46.828, 47.618)

Conversions

Conversions Part 1

Format	Color
Hex	D67C58
RGB	214, 124, 88
RGB Percent	84%, 49%, 35%
CMY	0.1625, 0.5152, 0.6563
CMYK	0.00, 0.42, 0.59, 0.16
HSL	17°, 60%, 59%
HSV	17°, 59%, 84%
XYZ	36.5094, 29.2481, 12.8761
YIQ	146.8060, 65.1960, 7.8840

Conversions

Conversions Part 2

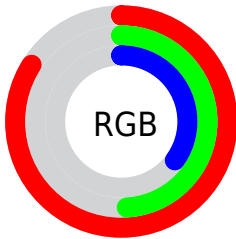
Format	Color
RYB	214, 138, 88
Decimal	14056536
CIELab	61.00, 31.57, 34.59
CIElCh	61, 46.828, 47.618
Yxy	29.2481, 0.4643, 0.3720
Android (android.graphics.Color)	4292246616 (0xFFD67C58)
YUV	146.8060, -28.9914, 58.9291
Hunter-Lab	54.0815, 25.8593, 23.7409

Details

The CIELCh color **61, 46.828, 47.618** 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 **68, 30.998, 237.985**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 39.198, 51.943**, and **41, 46.843, 47.959** is the 20% darker color. If you saturate the color by 10%, you get **57, 56.632, 47.654**, and if you desaturate by 10%, it is **65, 37.454, 47.702**.

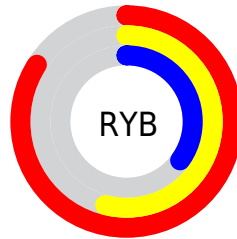
Distribution



Red (84%)

Green (49%)

Blue (35%)



Red (84%)

Yellow (54%)

Blue (35%)

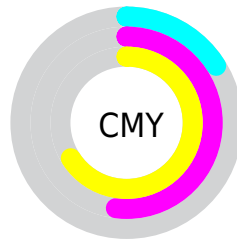


Cyan (0%)

Magenta (42%)

Yellow (59%)

Black (16%)



Cyan (16%)

Magenta (52%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 46.828, 47.618 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, 46.828, 47.618 by changing the saturation by 10% instead.

61, 46.828, 47.618

61, 46.828, 47.618

100, 46.828,
47.618

51, 46.828, 47.618

81, 46.828, 47.618

41, 46.828, 47.618

91, 46.828, 47.618

31, 46.828, 47.618

21, 46.828, 47.618

11, 46.828, 47.618

1, 46.828, 47.618

0, 46.828, 47.618

61, 46.828, 47.618

61, 46.828, 47.618

57, 56.632, 47.654

65, 37.454, 47.702

54, 66.516, 47.691

69, 28.656, 47.918

52, 75.670, 47.437

73, 20.471, 48.257

49, 82.902, 46.509

77, 12.885, 48.694

49, 83.629, 46.454

82, 5.858, 49.177

86, 0.659, 230.678

90, 6.721, 230.574

95, 11.641,
223.303

97, 13.872,
198.580

Harmonies

Complementary

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



61, 46.828, 47.618



68, 30.998, 237.985

Rectangle

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



61, 46.828, 47.618



61, 46.828, 97.618



61, 46.828, 227.618



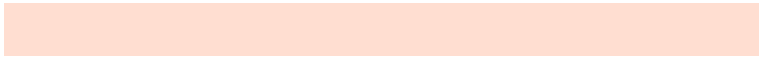
61, 46.828, 277.618

Sweetspot

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



61, 46.826, 47.622



91, 14.082, 48.731



56, 64.108, 338.270



47, 9.899, 48.593



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, 46.826, 47.622



67, 67.876, 47.672



76, 52.620, 92.163



43, 3.726, 49.156



39, 70.415, 46.948



7, 18.483, 36.653

Inverse Universe

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



68, 30.998, 237.985



77, 40.379, 241.771



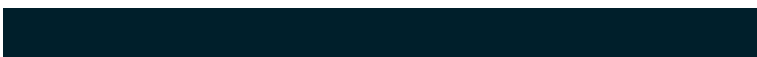
51, 57.397, 290.154



43, 3.537, 230.534



48, 35.410, 253.095



10, 13.056, 242.530

Previews

White Background



This preview shows how the CIELCh color 61, 46.828, 47.618 looks on a white background.

Color Contrast Check

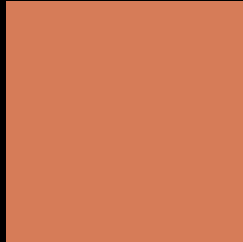
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.828, 47.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

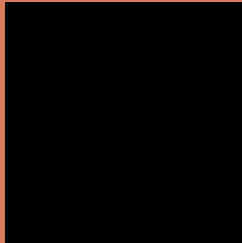
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 46.828, 47.618

Background



This preview shows how black text looks on a background with the CIELCh color 61, 46.828, 47.618.



This preview shows how white text looks on a background with the CIELCh color 61, 46.828, 47.618.

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, 40.550, 18.062

Trichromacy



Original Color
61, 46.828, 47.618

Protanomaly
61, 31.283, 72.459

Deuteranomaly
61, 38.945, 65.242

Tritanomaly
61, 41.174, 29.920

Monochromacy



Original Color
61, 46.828, 47.618

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, 46.828, 47.618 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, 124, 88)` looks like.

```
.text, #text, p{  
    color:rgb(214, 124, 88)  
}
```

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, 124, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 124, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 46.828, 47.618 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, 124, 88) }
```

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

```
.border{ border-color:rgb(214, 124, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 124, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 124, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 124, 88);  
box-shadow:4px 4px 4px 4px rgb(214, 124,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 46.828, 47.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 124, 88) }
```

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

```
.background{ background-color: rgb(214,  
124, 88) }
```

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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