

Converting Colors

CIELCh(65, 47.395, 60.379)

Have a look what the booklet for
CIELCh(65, 47.395, 60.379) contains.

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Color

CIELCh(65, 47.627, 60.398)

Conversions

Conversions Part 1

Format	Color
Hex	D88C54
RGB	216, 140, 84
RGB Percent	85%, 55%, 33%
CMY	0.1525, 0.4505, 0.6702
CMYK	0.00, 0.35, 0.61, 0.15
HSL	25°, 63%, 59%
HSV	25°, 61%, 85%
XYZ	39.3534, 34.0472, 12.9061
YIQ	156.3400, 63.2720, -1.3040

Conversions

Conversions Part 2

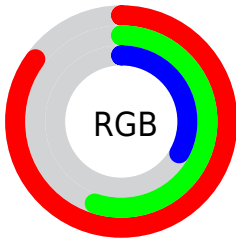
Format	Color
RYB	216, 181, 84
Decimal	14191700
CIELab	65.00, 23.53, 41.41
CIElCh	65, 47.627, 60.398
Yxy	34.0472, 0.4560, 0.3945
Android (android.graphics.Color)	4292381780 (0xFFD88C54)
YUV	156.3400, -35.6636, 52.3218
Hunter-Lab	58.3500, 18.2746, 27.7309

Details

The CIELCh color **65, 47.627, 60.398** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **63, 36.184, 259.157**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 40.854, 68.632**, and **45, 47.563, 60.082** is the 20% darker color. If you saturate the color by 10%, you get **62, 56.681, 59.362**, and if you desaturate by 10%, it is **68, 38.745, 61.399**.

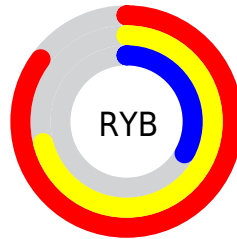
Distribution



Red (85%)

Green (55%)

Blue (33%)



Red (85%)

Yellow (71%)

Blue (33%)

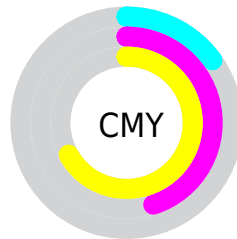


Cyan (0%)

Magenta (35%)

Yellow (61%)

Black (15%)



Cyan (15%)

Magenta (45%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 47.627, 60.398 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 65, 47.627, 60.398 by changing the saturation by 10% instead.

65, 47.627, 60.398

65, 47.627, 60.398

100, 47.627,
60.398

55, 47.627, 60.398

85, 47.627, 60.398

45, 47.627, 60.398

95, 47.627, 60.398

35, 47.627, 60.398

25, 47.627, 60.398

15, 47.627, 60.398

5, 47.627, 60.398

0, 47.627, 60.398

65, 47.627, 60.398

65, 47.627, 60.398

62, 56.681, 59.362

68, 38.745, 61.399

59, 65.449, 58.138

72, 30.242, 62.408

56, 73.028, 56.427

75, 22.191, 63.442

54, 78.225, 54.378

79, 14.601, 64.495

82, 7.451, 65.544

86, 0.703, 66.044

90, 5.682, 247.841

93, 11.024,
245.086

97, 12.130,
205.762

Harmonies

Complementary

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



65, 47.627, 60.398



63, 36.184, 259.157

Rectangle

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



65, 47.627, 60.398



65, 47.627, 110.398



65, 47.627, 240.398



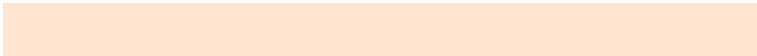
65, 47.627, 290.398

Sweetspot

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



65, 47.626, 60.402



92, 14.131, 64.803



56, 61.399, 345.677



48, 9.906, 64.493



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 47.626, 60.402



71, 66.865, 59.070



81, 60.874, 100.264



43, 3.768, 65.714



43, 65.334, 55.027



9, 17.241, 50.370

Inverse Universe

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



63, 36.184, 259.157



69, 48.109, 263.864



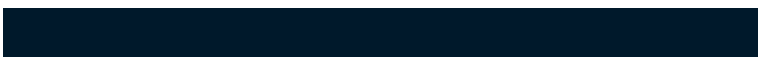
46, 71.336, 296.897



43, 3.644, 247.981



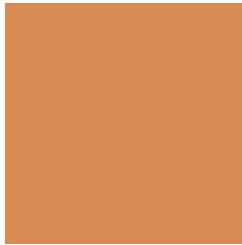
41, 45.625, 275.257



8, 15.367, 264.167

Previews

White Background



This preview shows how the CIELCh color 65, 47.627, 60.398 looks on a white background.

Color Contrast Check

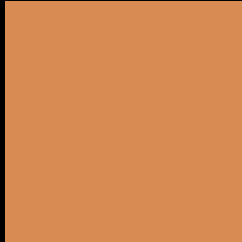
Large Text (above 18pt) WCAG AA × Fail

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 65, 47.627, 60.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

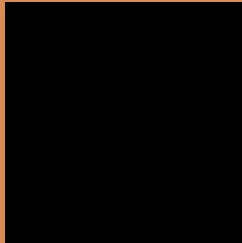
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 47.627, 60.398

Background



This preview shows how black text looks on a background with the CIELCh color 65, 47.627, 60.398.



This preview shows how white text looks on a background with the CIELCh color 65, 47.627, 60.398.

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
65, 35.689, 14.610

Trichromacy



Original Color
65, 47.627, 60.398

Protanomaly
65, 38.848, 80.382

Deuteranomaly
65, 43.810, 71.644

Tritanomaly
65, 36.729, 34.731

Monochromacy



Original Color
65, 47.627, 60.398

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 16.189, 63.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 47.627, 60.398 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(216, 140, 84)` looks like.

```
.text, #text, p{  
    color:rgb(216, 140, 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(216, 140, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 140, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 47.627, 60.398 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(216, 140, 84) }
```

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

```
.border{ border-color:rgb(216, 140, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 140, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 140, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 140, 84);  
box-shadow:4px 4px 4px 4px rgb(216, 140,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 47.627, 60.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 140, 84) }
```

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

```
.background{ background-color: rgb(216,  
140, 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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