

Converting Colors

CIELCh(67, 50.024, 65.362)

Have a look what the booklet for
CIELCh(67, 50.024, 65.362) contains.

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Color

CIELCh(67, 49.872, 65.352)

Conversions

Conversions Part 1

Format	Color
Hex	DB9351
RGB	219, 147, 81
RGB Percent	86%, 58%, 32%
CMY	0.1402, 0.4226, 0.6815
CMYK	0.00, 0.33, 0.63, 0.14
HSL	29°, 66%, 59%
HSV	29°, 63%, 86%
XYZ	41.2500, 36.6320, 12.7221
YIQ	161.0040, 64.0980, -5.2620

Conversions

Conversions Part 2

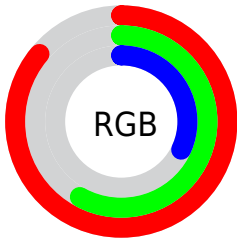
Format	Color
R _Y B	219, 208, 81
Decimal	14390097
CIE Lab	67.00, 20.80, 45.33
CIE LCh	67, 49.872, 65.352
Yxy	36.6320, 0.4553, 0.4043
Android (android.graphics.Color)	4292580177 (0xFFDB9351)
YUV	161.0040, -39.4420, 50.8625
Hunter-Lab	60.5244, 15.7378, 29.9044

Details

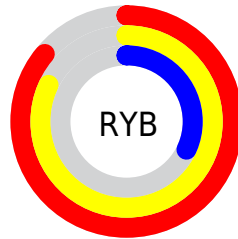
The CIELCh color **67, 49.872, 65.352** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **61, 40.383, 266.555**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 43.076, 75.255**, and **47, 49.799, 65.151** is the 20% darker color. If you saturate the color by 10%, you get **64, 58.643, 64.010**, and if you desaturate by 10%, it is **70, 41.071, 66.604**.

Distribution



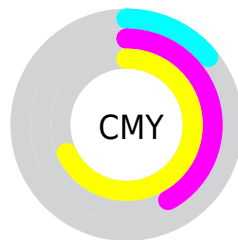
- Red (86%)
- Green (58%)
- Blue (32%)



- Red (86%)
- Yellow (82%)
- Blue (32%)



- Cyan (0%)
- Magenta (33%)
- Yellow (63%)
- Black (14%)



- Cyan (14%)
- Magenta (42%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 49.872, 65.352 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, 49.872, 65.352 by changing the saturation by 10% instead.

67, 49.872, 65.352

67, 49.872, 65.352

100, 49.872,
65.352

57, 49.872, 65.352

87, 49.872, 65.352

47, 49.872, 65.352

97, 49.872, 65.352

37, 49.872, 65.352

27, 49.872, 65.352

17, 49.872, 65.352

7, 49.872, 65.352

0, 49.872, 65.352

67, 49.872, 65.352

67, 49.872, 65.352

64, 58.643, 64.010

70, 41.071, 66.604

61, 66.823, 62.408

73, 32.515, 67.823

59, 73.435, 60.241

76, 24.315, 69.036

57, 76.975, 58.374

80, 16.506, 70.245

83, 9.082, 71.434

86, 2.019, 72.471

90, 4.717, 253.937

93, 10.512,
252.235

96, 10.647,
212.270

Harmonies

Complementary

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



67, 49.872, 65.352



61, 40.383, 266.555

Rectangle

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



67, 49.872, 65.352



67, 49.872, 115.352



67, 49.872, 245.352



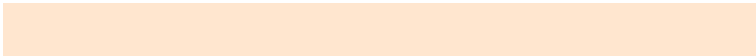
67, 49.872, 295.352

Sweetspot

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



67, 49.871, 65.356



93, 15.290, 70.700



55, 61.938, 349.082



48, 10.601, 70.355



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, 49.871, 65.356



73, 69.233, 63.462



84, 65.751, 102.752



44, 3.943, 71.841



46, 64.371, 59.025



10, 18.365, 57.270

Inverse Universe

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



61, 40.383, 266.555



65, 54.262, 271.826



44, 79.007, 299.199



44, 3.845, 254.291



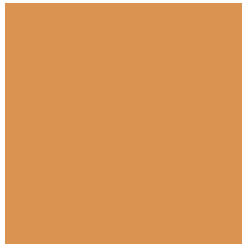
39, 51.532, 281.613



8, 17.504, 271.488

Previews

White Background



This preview shows how the CIELCh color 67, 49.872, 65.352 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, 49.872, 65.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

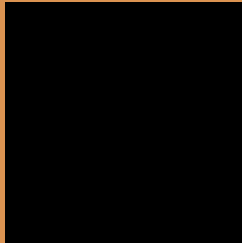
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 49.872, 65.352

Background



This preview shows how black text looks on a background with the CIELCh color 67, 49.872, 65.352.



This preview shows how white text looks on a background with the CIELCh color 67, 49.872, 65.352.

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](#).

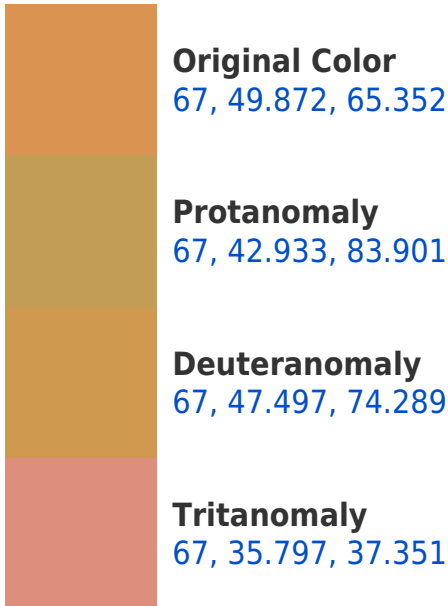
Dichromacy





Tritanopia
67, 34.617, 13.235

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 49.872, 65.352 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(219, 147, 81)` looks like.

```
.text, #text, p{  
    color:rgb(219, 147, 81)  
}
```

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(219, 147, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 147, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 49.872, 65.352 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(219, 147, 81) }
```

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

```
.border{ border-color:rgb(219, 147, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 147, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 147, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 147, 81);  
box-shadow:4px 4px 4px 4px rgb(219, 147,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 49.872, 65.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 147, 81) }
```

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

```
.background{ background-color: rgb(219,  
147, 81) }
```

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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