

Converting Colors

CIELCh(67, 33.852, 40.896)

Have a look what the booklet for
CIELCh(67, 33.852, 40.896) contains.

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Color

CIELCh(67, 33.883, 40.721)

Conversions

Conversions Part 1

Format	Color
Hex	DB917D
RGB	219, 145, 125
RGB Percent	86%, 57%, 49%
CMY	0.1426, 0.4326, 0.5110
CMYK	0.00, 0.34, 0.43, 0.14
HSL	13°, 56%, 67%
HSV	13°, 43%, 86%
XYZ	42.8662, 36.6320, 24.1110
YIQ	164.8460, 50.5240, 9.4680

Conversions

Conversions Part 2

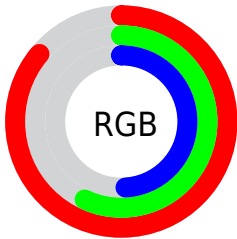
Format	Color
R _Y B	219, 150, 125
Decimal	14389629
CIE Lab	67.00, 25.68, 22.10
CIE LCh	67, 33.883, 40.721
Yxy	36.6320, 0.4137, 0.3536
Android (android.graphics.Color)	4292579709 (0xFFDB917D)
YUV	164.8460, -19.6441, 47.4931
Hunter-Lab	60.5244, 20.5045, 18.7478

Details

The CIELCh color **67, 33.883, 40.721** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76, 24.781, 223.891**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 24.909, 46.792**, and **47, 33.623, 40.962** is the 20% darker color. If you saturate the color by 10%, you get **63, 43.470, 41.114**, and if you desaturate by 10%, it is **71, 24.942, 40.538**.

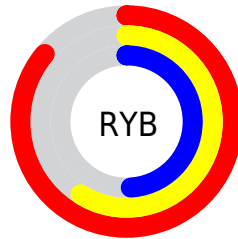
Distribution



Red (86%)

Green (57%)

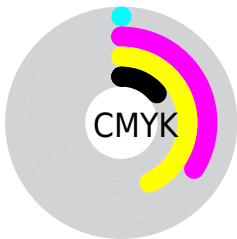
Blue (49%)



Red (86%)

Yellow (59%)

Blue (49%)

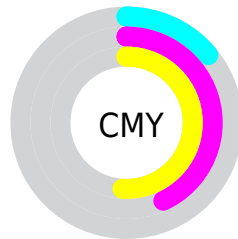


Cyan (0%)

Magenta (34%)

Yellow (43%)

Black (14%)



Cyan (14%)

Magenta (43%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 33.883, 40.721 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, 33.883, 40.721 by changing the saturation by 10% instead.

67, 33.883, 40.721

67, 33.883, 40.721

100, 33.883,
40.721

57, 33.883, 40.721

87, 33.883, 40.721

47, 33.883, 40.721

97, 33.883, 40.721

37, 33.883, 40.721

27, 33.883, 40.721

17, 33.883, 40.721

7, 33.883, 40.721

0, 33.883, 40.721

67, 33.883, 40.721

67, 33.883, 40.721

63, 43.470, 41.114

71, 24.942, 40.538

59, 53.620, 41.722

76, 16.666, 40.514

55, 64.100, 42.517

81, 9.029, 40.606

52, 74.383, 43.331

86, 1.984, 40.603

50, 83.297, 43.701

91, 4.526, 221.321

48, 88.202, 43.630

96, 10.419,
219.227

98, 12.241,
198.688

Harmonies

Complementary

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



67, 33.883, 40.721



76, 24.781, 223.891

Rectangle

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



67, 33.883, 40.721



67, 33.883, 90.721



67, 33.883, 220.721



67, 33.883, 270.721

Sweetspot

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



67, 33.881, 40.726



93, 10.259, 40.604



65, 52.253, 333.362



48, 7.245, 40.577



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, 33.881, 40.726



73, 48.248, 41.089



78, 36.853, 88.153



44, 3.905, 40.650



38, 73.793, 44.030



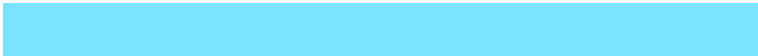
7, 20.773, 32.155

Inverse Universe

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



76, 24.781, 223.891



85, 32.419, 225.210



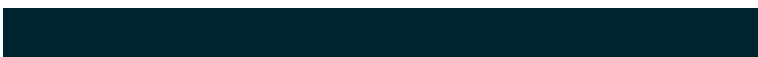
63, 37.286, 280.982



45, 3.684, 221.393



53, 33.127, 238.137



12, 13.109, 230.180

Previews

White Background



This preview shows how the CIELCh color 67, 33.883, 40.721 looks on a white background.

Color Contrast Check

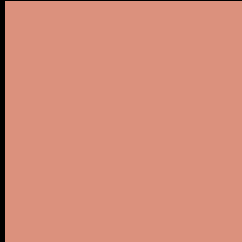
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 33.883, 40.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

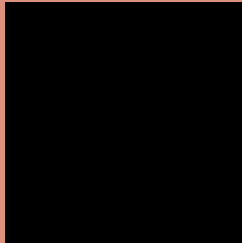
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 33.883, 40.721

Background



This preview shows how black text looks on a background with the CIELCh color 67, 33.883, 40.721.



This preview shows how white text looks on a background with the CIELCh color 67, 33.883, 40.721.

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, 32.526, 13.274

Trichromacy



Original Color
67, 33.883, 40.721

Protanomaly
67, 20.357, 64.409

Deuteranomaly
67, 27.005, 57.862

Tritanomaly
67, 32.189, 23.590

Monochromacy



Original Color
67, 33.883, 40.721

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 11.679, 42.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 33.883, 40.721 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, 145, 125)` looks like.

```
.text, #text, p{  
    color:rgb(219, 145, 125)  
}
```

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, 145, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 145, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 33.883, 40.721 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, 145, 125) }
```

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

```
.border{ border-color:rgb(219, 145, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 145, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 145, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 145, 125);  
box-shadow:4px 4px 4px 4px rgb(219, 145,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 33.883, 40.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 145, 125) }
```

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

```
.background{ background-color: rgb(219,  
145, 125) }
```

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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