

Converting Colors

CIELCh(67, 35.423, 40.770)

Have a look what the booklet for
CIELCh(67, 35.423, 40.770) contains.

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Color

CIELCh(67, 35.443, 40.905)

Conversions

Conversions Part 1

Format	Color
Hex	DD907B
RGB	221, 144, 123
RGB Percent	87%, 56%, 48%
CMY	0.1344, 0.4362, 0.5185
CMYK	0.00, 0.35, 0.44, 0.13
HSL	13°, 59%, 67%
HSV	13°, 44%, 87%
XYZ	43.2389, 36.6320, 23.4571
YIQ	164.6290, 52.6330, 9.7930

Conversions

Conversions Part 2

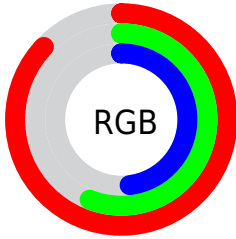
Format	Color
R _Y B	221, 150, 123
Decimal	14520443
CIE Lab	67.00, 26.79, 23.21
CIE LCh	67, 35.443, 40.905
Yxy	36.6320, 0.4185, 0.3545
Android (android.graphics.Color)	4292710523 (0xFFDD907B)
YUV	164.6290, -20.5231, 49.4374
Hunter-Lab	60.5244, 21.6036, 19.3883

Details

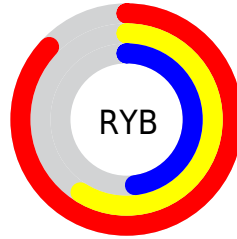
The CIELCh color **67, 35.443, 40.905** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76, 25.612, 224.291**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 25.585, 47.385**, and **47, 35.341, 41.199** is the 20% darker color. If you saturate the color by 10%, you get **63, 45.186, 41.318**, and if you desaturate by 10%, it is **71, 26.344, 40.705**.

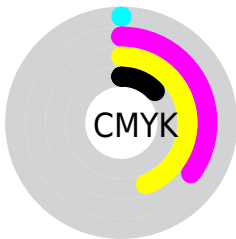
Distribution



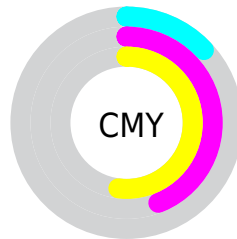
- Red (87%)
- Green (56%)
- Blue (48%)



- Red (87%)
- Yellow (59%)
- Blue (48%)



- Cyan (0%)
- Magenta (35%)
- Yellow (44%)
- Black (13%)



- Cyan (13%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 35.443, 40.905 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, 35.443, 40.905 by changing the saturation by 10% instead.

67, 35.443, 40.905

67, 35.443, 40.905

100, 35.443,
40.905

57, 35.443, 40.905

87, 35.443, 40.905

47, 35.443, 40.905

97, 35.443, 40.905

37, 35.443, 40.905

27, 35.443, 40.905

17, 35.443, 40.905

7, 35.443, 40.905

0, 35.443, 40.905

67, 35.443, 40.905

67, 35.443, 40.905

63, 45.186, 41.318

71, 26.344, 40.705

59, 55.473, 41.943

76, 17.917, 40.670

55, 66.043, 42.739

81, 10.139, 40.758

52, 76.295, 43.509

86, 2.964, 40.838

50, 84.919, 43.731

91, 3.664, 221.489

49, 88.795, 43.664

96, 9.766, 221.112

98, 11.563,
198.734

Harmonies

Complementary

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



67, 35.443, 40.905



76, 25.612, 224.291

Rectangle

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



67, 35.443, 40.905



67, 35.443, 90.905



67, 35.443, 220.905



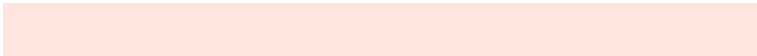
67, 35.443, 270.905

Sweetspot

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



67, 35.441, 40.910



93, 10.251, 40.774



65, 54.267, 333.465



48, 7.239, 40.746



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, 35.441, 40.910



72, 49.326, 41.269



79, 38.379, 87.955



44, 3.902, 40.823



38, 73.743, 44.081



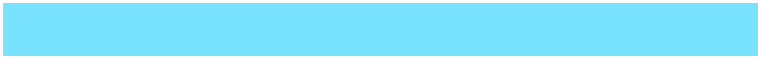
7, 20.754, 32.254

Inverse Universe

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



76, 25.612, 224.291



85, 32.854, 225.606



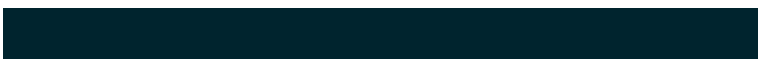
63, 38.871, 281.318



45, 3.682, 221.580



53, 33.160, 238.466



12, 13.112, 230.456

Previews

White Background



This preview shows how the CIELCh color 67, 35.443, 40.905 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, 35.443, 40.905 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, 35.443, 40.905

Background



This preview shows how black text looks on a background with the CIELCh color 67, 35.443, 40.905.

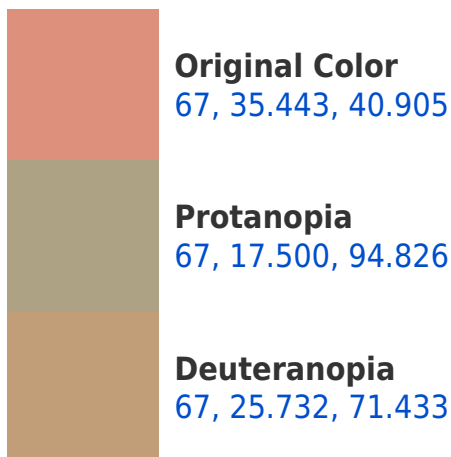


This preview shows how white text looks on a background with the CIELCh color 67, 35.443, 40.905.

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, 33.773, 13.792

Trichromacy



Original Color
67, 35.443, 40.905

Protanomaly
67, 20.776, 65.362

Deuteranomaly
67, 28.131, 57.575

Tritanomaly
67, 33.493, 23.703

Monochromacy



Original Color
67, 35.443, 40.905

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 12.077, 41.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 35.443, 40.905 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(221, 144, 123)` looks like.

```
.text, #text, p{  
    color:rgb(221, 144, 123)  
}
```

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(221, 144, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 144, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 35.443, 40.905 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(221, 144, 123) }
```

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

```
.border{ border-color:rgb(221, 144, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 144, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 144, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 144, 123);  
box-shadow:4px 4px 4px 4px rgb(221, 144,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 35.443, 40.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 144, 123) }
```

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

```
.background{ background-color: rgb(221,  
144, 123) }
```

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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