

Converting Colors

CIELCh(67, 43.648, 347.919)

Have a look what the booklet for
CIELCh(67, 43.648, 347.919)
contains.

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Color

CIELCh(67, 43.511, 347.562)

Conversions

Conversions Part 1

Format	Color
Hex	E485B5
RGB	228, 133, 181
RGB Percent	89%, 52%, 71%
CMY	0.1056, 0.4782, 0.2900
CMYK	0.00, 0.42, 0.21, 0.11
HSL	330°, 64%, 71%
HSV	330°, 42%, 89%
XYZ	48.7548, 36.6320, 48.2465
YIQ	166.8770, 41.2120, 35.0680

Conversions

Conversions Part 2

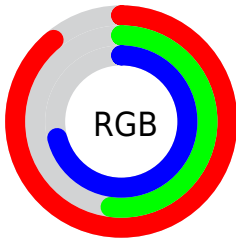
Format	Color
R _Y B	228, 133, 181
Decimal	14976437
CIE Lab	67.00, 42.49, -9.37
CIE LCh	67, 43.511, 347.562
Yxy	36.6320, 0.3648, 0.2741
Android (android.graphics.Color)	4293166517 (0xFFE485B5)
YUV	166.8770, 6.9626, 53.6049
Hunter-Lab	60.5244, 37.8713, -4.8955

Details

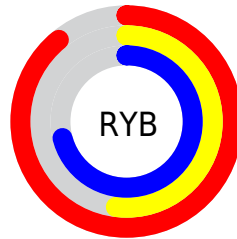
The CIELCh color $67, 43.511, 347.562$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $84, 41.492, 159.198$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 34.930, 334.875$, and $47, 43.355, 347.941$ is the 20% darker color. If you saturate the color by 10%, you get $62, 53.302, 348.987$, and if you desaturate by 10%, it is $72, 33.137, 346.345$.

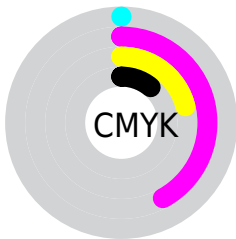
Distribution



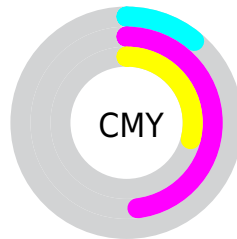
- Red (89%)
- Green (52%)
- Blue (71%)



- Red (89%)
- Yellow (52%)
- Blue (71%)



- Cyan (0%)
- Magenta (42%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (48%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 43.511, 347.562 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, 43.511, 347.562 by changing the saturation by 10% instead.


 67, 43.511,
347.562


 67, 43.511,
347.562


 100, 43.511,
347.562


 57, 43.511,
347.562


 87, 43.511,
347.562


 47, 43.511,
347.562


 97, 43.511,
347.562

 37, 43.511,
347.562

 27, 43.511,
347.562

 17, 43.511,
347.562

 7, 43.511, 347.562

 0, 43.511, 347.562

67, 43.511,
347.562

67, 43.511,
347.562

62, 53.302,
348.987

72, 33.137,
346.345

58, 62.034,
350.695

78, 22.558,
345.278

54, 69.156,
352.800

84, 12.023,
344.318

52, 74.189,
355.446

90, 1.692, 343.242

50, 76.929,
358.798

96, 8.349, 162.786

98, 9.851, 179.958

49, 77.870, 2.142

98, 9.164, 198.899

Harmonies

Complementary

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



67, 43.511, 347.562



84, 41.492, 159.198

Rectangle

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



67, 43.511, 347.562



67, 43.511, 37.562



67, 43.511, 167.562



67, 43.511, 217.562

Sweetspot

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



67, 43.508, 347.563



92, 13.558, 344.357



63, 55.048, 310.642



48, 9.006, 344.479



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, 43.508, 347.563



70, 56.615, 348.780



66, 39.494, 22.388



45, 5.874, 344.116



38, 64.917, 1.389



7, 27.664, 354.538

Inverse Universe

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



67, 43.508, 347.563



70, 56.615, 348.780



85, 29.586, 195.801



45, 5.874, 344.116



38, 64.917, 1.389



7, 27.664, 354.538

Previews

White Background



This preview shows how the CIELCh color 67, 43.511, 347.562 looks on a white background.

Color Contrast Check

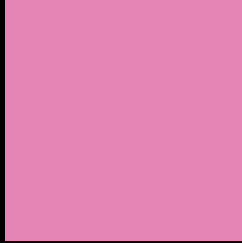
Large Text (above 18pt) WCAG AA × Fail

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, 43.511, 347.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

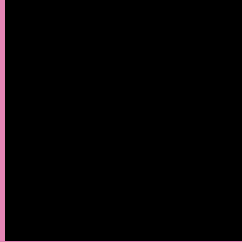
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 43.511, 347.562

Background



This preview shows how black text looks on a background with the CIELCh color 67, 43.511, 347.562.



This preview shows how white text looks on a background with the CIELCh color 67, 43.511, 347.562.

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, 35.023, 14.286

Trichromacy



Original Color
67, 43.511, 347.562



Protanomaly
66, 25.883, 317.851



Deuteranomaly
67, 22.334, 337.975

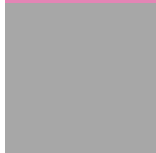


Tritanomaly
67, 36.951, 2.936

Monochromacy



Original Color
67, 43.511, 347.562



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 15.979, 345.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 43.511, 347.562 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(228, 133, 181)` looks like.

```
.text, #text, p{  
    color:rgb(228, 133, 181)  
}
```

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(228, 133, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 133, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 43.511, 347.562 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(228, 133, 181) }
```

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

```
.border{ border-color:rgb(228, 133, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 133, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 133, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 133, 181);  
box-shadow:4px 4px 4px 4px rgb(228, 133,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 43.511, 347.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 133, 181) }
```

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

```
.background{ background-color: rgb(228,  
133, 181) }
```

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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