

Converting Colors

CIELCh(67, 47.055, 344.615)

Have a look what the booklet for
CIELCh(67, 47.055, 344.615)
contains.

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Color

CIELCh(67, 47.085, 344.636)

Conversions

Conversions Part 1

Format	Color
Hex	E783BB
RGB	231, 131, 187
RGB Percent	91%, 51%, 73%
CMY	0.0957, 0.4877, 0.2681
CMYK	0.00, 0.43, 0.19, 0.10
HSL	326°, 67%, 71%
HSV	326°, 43%, 90%
XYZ	49.8269, 36.6320, 51.2531
YIQ	167.2840, 41.6240, 38.6160

Conversions

Conversions Part 2

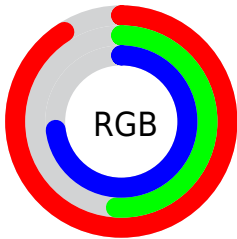
Format	Color
RYB	231, 131, 187
Decimal	15172539
CIELab	67.00, 45.40, -12.48
CIELCh	67, 47.085, 344.636
Yxy	36.6320, 0.3618, 0.2660
Android (android.graphics.Color)	4293362619 (0xFFE783BB)
YUV	167.2840, 9.7200, 55.8789
Hunter-Lab	60.5244, 41.0331, -7.8408

Details

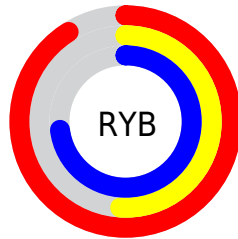
The CIELCh color $67, 47.085, 344.636$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $84, 45.481, 156.285$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 38.410, 331.332$, and $47, 47.175, 344.334$ is the 20% darker color. If you saturate the color by 10%, you get $62, 57.006, 345.943$, and if you desaturate by 10%, it is $72, 36.427, 343.506$.

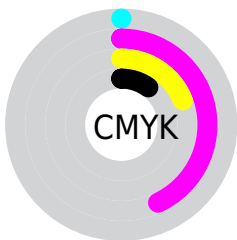
Distribution



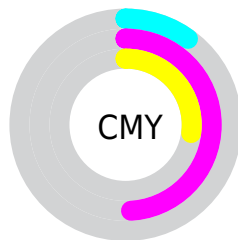
- Red (91%)
- Green (51%)
- Blue (73%)



- Red (91%)
- Yellow (51%)
- Blue (73%)



- Cyan (0%)
- Magenta (43%)
- Yellow (19%)
- Black (10%)



- Cyan (10%)
- Magenta (49%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 47.085, 344.636 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, 47.085, 344.636 by changing the saturation by 10% instead.

 67, 47.085,
344.636


 67, 47.085,
344.636

 100, 47.085,
344.636

 57, 47.085,
344.636

 87, 47.085,
344.636

 47, 47.085,
344.636

 97, 47.085,
344.636

 37, 47.085,
344.636

 27, 47.085,
344.636

 17, 47.085,
344.636

 7, 47.085, 344.636

 0, 47.085, 344.636

67, 47.085,
344.636

67, 47.085,
344.636

62, 57.006,
345.943

72, 36.427,
343.506

58, 65.678,
347.490

78, 25.451,
342.504

55, 72.527,
349.376

84, 14.442,
341.594

52, 77.079,
351.727

89, 3.586, 340.689

51, 79.173,
354.688

96, 7.006, 160.122

50, 79.572,
356.986

98, 9.313, 174.618

98, 8.319, 198.959

Harmonies

Complementary

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



67, 47.085, 344.636



84, 45.481, 156.285

Rectangle

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



67, 47.085, 344.636



67, 47.085, 34.636



67, 47.085, 164.636



67, 47.085, 214.636

Sweetspot

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



67, 47.082, 344.637



92, 15.257, 341.570



62, 57.602, 309.164



48, 10.698, 341.766



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, 47.082, 344.637



69, 60.428, 345.794



66, 41.242, 18.981



45, 6.098, 341.256



39, 65.856, 356.321



7, 28.299, 350.529

Inverse Universe

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



67, 47.082, 344.637



69, 60.428, 345.794



86, 31.435, 190.856



45, 6.098, 341.256



39, 65.856, 356.321



7, 28.299, 350.529

Previews

White Background



This preview shows how the CIELCh color 67, 47.085, 344.636 looks on a white background.

Color Contrast Check

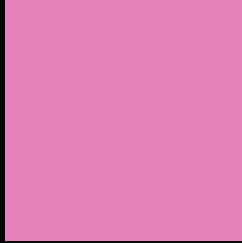
Large Text (above 18pt) WCAG AA × Fail

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, 47.085, 344.636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

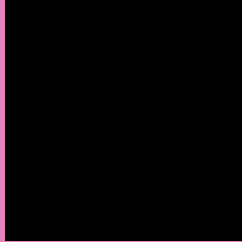
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 47.085, 344.636

Background



This preview shows how black text looks on a background with the CIELCh color 67, 47.085, 344.636.

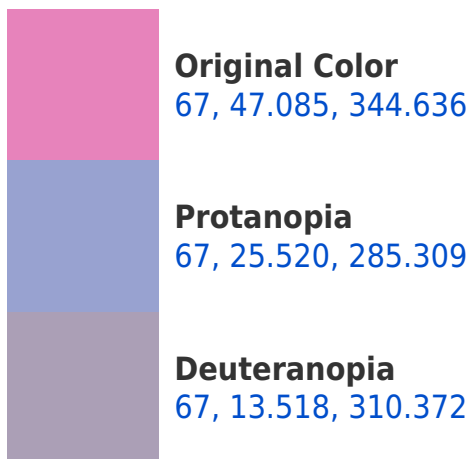


This preview shows how white text looks on a background with the CIELCh color 67, 47.085, 344.636.

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, 36.276, 14.760

Trichromacy



Original Color
67, 47.085, 344.636



Protanomaly
67, 29.237, 313.947



Deuteranomaly
67, 25.270, 332.124

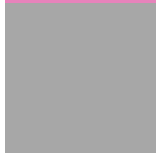


Tritanomaly
67, 38.808, 1.678

Monochromacy



Original Color
67, 47.085, 344.636



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 17.542, 342.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 47.085, 344.636 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(231, 131, 187)` looks like.

```
.text, #text, p{  
    color:rgb(231, 131, 187)  
}
```

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(231, 131, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 131, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 47.085, 344.636 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(231, 131, 187) }
```

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

```
.border{ border-color:rgb(231, 131, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 131, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 131, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 131, 187);  
box-shadow:4px 4px 4px 4px rgb(231, 131,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 47.085, 344.636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 131, 187) }
```

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

```
.background{ background-color: rgb(231,  
131, 187) }
```

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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