

Converting Colors

CIELCh(68, 48.682, 339.346)

Have a look what the booklet for
CIELCh(68, 48.682, 339.346)
contains.

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Color

CIELCh(68, 48.682, 339.346)

Conversions

Conversions Part 1

Format	Color
Hex	E786C6
RGB	231, 134, 198
RGB Percent	91%, 53%, 78%
CMY	0.0953, 0.4756, 0.2247
CMYK	0.00, 0.42, 0.14, 0.10
HSL	320°, 67%, 71%
HSV	320°, 42%, 90%
XYZ	51.4993, 37.9720, 57.8637
YIQ	170.2990, 37.2680, 40.4680

Conversions

Conversions Part 2

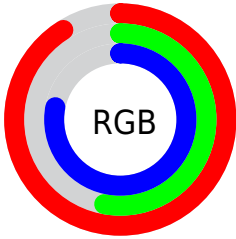
Format	Color
R _Y B	231, 134, 198
Decimal	15173318
CIE Lab	68.00, 45.55, -17.17
CIE LCh	68, 48.682, 339.346
Yxy	37.9720, 0.3495, 0.2577
Android (android.graphics.Color)	4293363398 (0xFFE786C6)
YUV	170.2990, 13.6566, 53.2348
Hunter-Lab	61.6215, 41.3415, -12.5394

Details

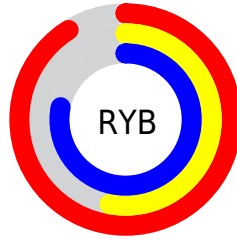
The CIELCh color **68, 48.682, 339.346** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84, 47.907, 152.100**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 41.380, 325.860**, and **48, 48.853, 339.540** is the 20% darker color. If you saturate the color by 10%, you get **63, 59.219, 340.366**, and if you desaturate by 10%, it is **73, 37.363, 338.427**.

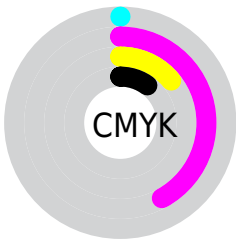
Distribution



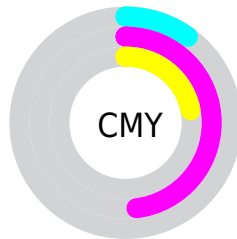
- Red (91%)
- Green (53%)
- Blue (78%)



- Red (91%)
- Yellow (53%)
- Blue (78%)



- Cyan (0%)
- Magenta (42%)
- Yellow (14%)
- Black (10%)



- Cyan (10%)
- Magenta (48%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 48.682, 339.346 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 68, 48.682, 339.346 by changing the saturation by 10% instead.

 68, 48.682,
339.346

 68, 48.682,
339.346

 100, 48.682,
339.346

 58, 48.682,
339.346


 88, 48.682,
339.346

 48, 48.682,
339.346

 98, 48.682,
339.346

 38, 48.682,
339.346

 28, 48.682,
339.346

 18, 48.682,
339.346

 8, 48.682, 339.346

 0, 48.682, 339.346

68, 48.682,
339.346

68, 48.682,
339.346

63, 59.219,
340.366

73, 37.363,
338.427

59, 68.454,
341.522

79, 25.687,
337.583

56, 75.795,
342.870

84, 13.948,
336.793

53, 80.730,
344.488

90, 2.342, 335.931

96, 9.014, 155.465

52, 83.014,
346.472

98, 9.986, 167.390

51, 83.294,
348.333

98, 8.436, 190.699

98, 8.292, 198.961

Harmonies

Complementary

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



68, 48.682, 339.346



84, 47.907, 152.100

Rectangle

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



68, 48.682, 339.346



68, 48.682, 29.346



68, 48.682, 159.346



68, 48.682, 209.346

Sweetspot

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



68, 48.679, 339.347



92, 16.356, 336.873



62, 55.345, 305.930



48, 11.462, 337.046



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 48.679, 339.347



70, 61.964, 340.178



67, 39.631, 11.148



45, 6.542, 336.594



39, 68.972, 347.883



7, 29.813, 343.952

Inverse Universe

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



68, 48.679, 339.347



70, 61.964, 340.178



85, 32.412, 181.937



45, 6.542, 336.594



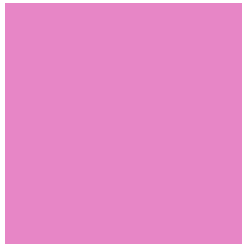
39, 68.972, 347.883



7, 29.813, 343.952

Previews

White Background



This preview shows how the CIELCh color 68, 48.682, 339.346 looks on a white background.

Color Contrast Check

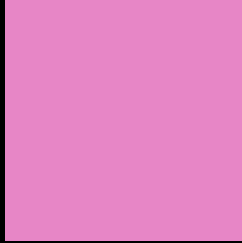
Large Text (above 18pt) WCAG AA × Fail

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 68, 48.682, 339.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

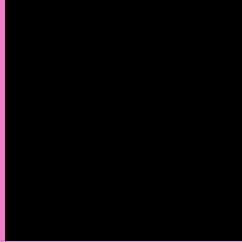
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 48.682, 339.346

Background



This preview shows how black text looks on a background with the CIELCh color 68, 48.682, 339.346.



This preview shows how white text looks on a background with the CIELCh color 68, 48.682, 339.346.

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
68, 33.650, 13.714

Trichromacy



Original Color
68, 48.682, 339.346



Protanomaly
67, 33.496, 309.241



Deuteranomaly
68, 27.810, 323.650

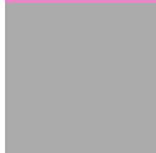


Tritanomaly
68, 37.135, 358.510

Monochromacy



Original Color
68, 48.682, 339.346



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 18.238, 337.382

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 48.682, 339.346 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, 134, 198)` looks like.

```
.text, #text, p{  
    color:rgb(231, 134, 198)  
}
```

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, 134, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 134, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 48.682, 339.346 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, 134, 198) }
```

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

```
.border{ border-color:rgb(231, 134, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 134, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 134, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 134, 198);  
box-shadow:4px 4px 4px 4px rgb(231, 134,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 48.682, 339.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 134, 198) }
```

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

```
.background{ background-color: rgb(231,  
134, 198) }
```

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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