

Converting Colors

CIELCh(68, 42.809, 348.209)

Have a look what the booklet for
CIELCh(68, 42.809, 348.209)
contains.

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Color

CIELCh(68, 42.877, 347.772)

Conversions

Conversions Part 1

Format	Color
Hex	E688B7
RGB	230, 136, 183
RGB Percent	90%, 53%, 72%
CMY	0.0970, 0.4657, 0.2814
CMYK	0.00, 0.41, 0.20, 0.10
HSL	330°, 66%, 72%
HSV	330°, 41%, 90%
XYZ	50.1287, 37.9720, 49.6207
YIQ	169.4640, 40.9370, 34.5450

Conversions

Conversions Part 2

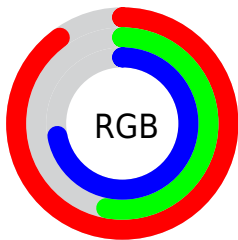
Format	Color
R _Y B	230, 136, 183
Decimal	15108279
CIE Lab	68.00, 41.90, -9.08
CIE LCh	68, 42.877, 347.772
Yxy	37.9720, 0.3640, 0.2757
Android (android.graphics.Color)	4293298359 (0xFFE688B7)
YUV	169.4640, 6.6732, 53.0901
Hunter-Lab	61.6215, 37.3710, -4.6082

Details

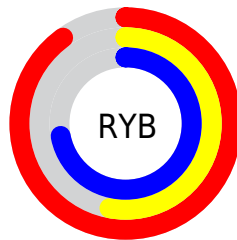
The CIELCh color **68, 42.877, 347.772** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85, 40.855, 159.574**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 33.801, 334.040**, and **48, 42.745, 348.100** is the 20% darker color. If you saturate the color by 10%, you get **63, 52.790, 349.193**, and if you desaturate by 10%, it is **73, 32.417, 346.558**.

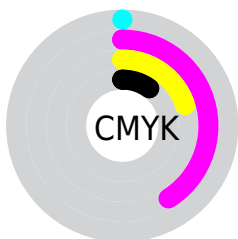
Distribution



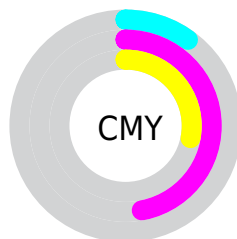
- Red (90%)
- Green (53%)
- Blue (72%)



- Red (90%)
- Yellow (53%)
- Blue (72%)



- Cyan (0%)
- Magenta (41%)
- Yellow (20%)
- Black (10%)



- Cyan (10%)
- Magenta (47%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 42.877, 347.772 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, 42.877, 347.772 by changing the saturation by 10% instead.

 68, 42.877,
347.772


 68, 42.877,
347.772

 100, 42.877,
347.772

 58, 42.877,
347.772


 88, 42.877,
347.772

 48, 42.877,
347.772

 98, 42.877,
347.772

 38, 42.877,
347.772

 28, 42.877,
347.772

 18, 42.877,
347.772

 8, 42.877, 347.772

 0, 42.877, 347.772

68, 42.877,
347.772

68, 42.877,
347.772

63, 52.790,
349.193

73, 32.417,
346.558

59, 61.687,
350.897

79, 21.780,
345.493

55, 69.015,
352.993

85, 11.209,
344.532

52, 74.279,
355.630

91, 0.854, 343.197

51, 77.248,
358.972

97, 9.200, 163.003

98, 8.606, 189.843

50, 78.372, 2.683

98, 8.433, 198.951

Harmonies

Complementary

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



68, 42.877, 347.772



85, 40.855, 159.574

Rectangle

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



68, 42.877, 347.772



68, 42.877, 37.772



68, 42.877, 167.772



68, 42.877, 217.772

Sweetspot

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



68, 42.874, 347.773



92, 13.511, 344.647



65, 54.448, 311.129



48, 8.975, 344.770



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, 42.874, 347.773



70, 55.416, 348.956



67, 39.080, 23.476



45, 5.853, 344.405



38, 64.858, 1.892



7, 27.611, 354.940

Inverse Universe

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



68, 42.874, 347.773



70, 55.416, 348.956



86, 29.191, 197.477



45, 5.853, 344.405



38, 64.858, 1.892



7, 27.611, 354.940

Previews

White Background



This preview shows how the CIELCh color 68, 42.877, 347.772 looks on a white background.

Color Contrast Check

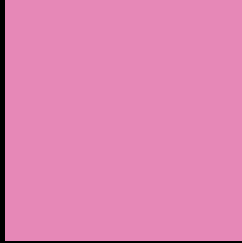
Large Text (above 18pt) WCAG AA × Fail

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, 42.877, 347.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

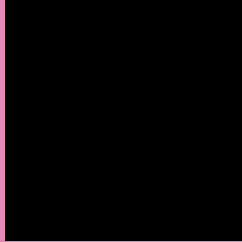
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 42.877, 347.772

Background



This preview shows how black text looks on a background with the CIELCh color 68, 42.877, 347.772.



This preview shows how white text looks on a background with the CIELCh color 68, 42.877, 347.772.

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, 34.493, 13.155

Trichromacy



Original Color
68, 42.877, 347.772



Protanomaly
68, 24.503, 317.386



Deuteranomaly
68, 22.914, 337.633

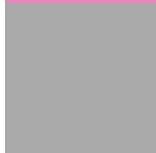


Tritanomaly
68, 36.476, 2.582

Monochromacy



Original Color
68, 42.877, 347.772



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 15.928, 345.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 42.877, 347.772 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(230, 136, 183)` looks like.

```
.text, #text, p{  
    color:rgb(230, 136, 183)  
}
```

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(230, 136, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 136, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 42.877, 347.772 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(230, 136, 183) }
```

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

```
.border{ border-color:rgb(230, 136, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 136, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 136, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 136, 183);  
box-shadow:4px 4px 4px 4px rgb(230, 136,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 42.877, 347.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 136, 183) }
```

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

```
.background{ background-color: rgb(230,  
136, 183) }
```

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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