

Converting Colors

CIELCh(68, 47.684, 346.646)

Have a look what the booklet for
CIELCh(68, 47.684, 346.646)
contains.

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Color

CIELCh(68, 47.855, 346.507)

Conversions

Conversions Part 1

Format	Color
Hex	EC84BB
RGB	236, 132, 187
RGB Percent	93%, 52%, 73%
CMY	0.0741, 0.4819, 0.2663
CMYK	0.00, 0.44, 0.21, 0.07
HSL	328°, 73%, 72%
HSV	328°, 44%, 93%
XYZ	51.8720, 37.9720, 51.6641
YIQ	169.3660, 44.3290, 39.1530

Conversions

Conversions Part 2

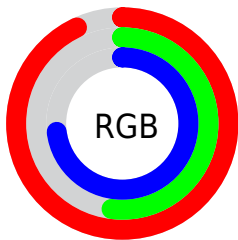
Format	Color
R _Y B	236, 132, 187
Decimal	15500475
CIE Lab	68.00, 46.53, -11.17
CIE LCh	68, 47.855, 346.507
Yxy	37.9720, 0.3666, 0.2683
Android (android.graphics.Color)	4293690555 (0xFFEC84BB)
YUV	169.3660, 8.6936, 58.4380
Hunter-Lab	61.6215, 42.4212, -6.5744

Details

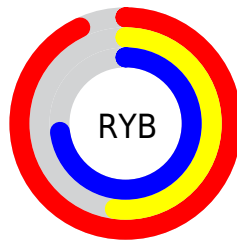
The CIELCh color $68, 47.855, 346.507$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $86, 45.852, 157.694$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $84, 37.789, 331.397$, and $48, 47.878, 346.403$ is the 20% darker color. If you saturate the color by 10%, you get $63, 57.776, 347.925$, and if you desaturate by 10%, it is $73, 37.186, 345.295$.

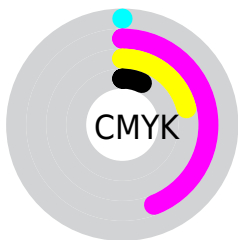
Distribution



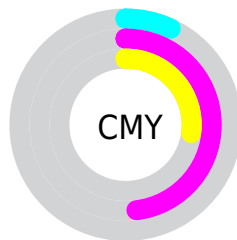
- Red (93%)
- Green (52%)
- Blue (73%)



- Red (93%)
- Yellow (52%)
- Blue (73%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (7%)



- Cyan (7%)
- Magenta (48%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 47.855, 346.507 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, 47.855, 346.507 by changing the saturation by 10% instead.


 68, 47.855,
346.507


 68, 47.855,
346.507


 100, 47.855,
346.507

 58, 47.855,
346.507


 88, 47.855,
346.507

 48, 47.855,
346.507

 98, 47.855,
346.507

 38, 47.855,
346.507

 28, 47.855,
346.507

 18, 47.855,
346.507

 8, 47.855, 346.507

 0, 47.855, 346.507

68, 47.855,
346.507

68, 47.855,
346.507

63, 57.776,
347.925

73, 37.186,
345.295

59, 66.427,
349.626

79, 26.197,
344.232

56, 73.233,
351.722

85, 15.182,
343.278

53, 77.736,
354.358

91, 4.329, 342.353

97, 6.250, 161.753

52, 79.825,
357.690

99, 6.528, 193.948

51, 80.283,
359.977

99, 6.479, 199.097

Harmonies

Complementary

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



68, 47.855, 346.507



86, 45.852, 157.694

Rectangle

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



68, 47.855, 346.507



68, 47.855, 36.507



68, 47.855, 166.507



68, 47.855, 216.507

Sweetspot

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



68, 47.852, 346.508



92, 14.937, 343.187



64, 59.888, 310.258



47, 10.475, 343.390



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, 47.852, 346.508



68, 60.413, 347.798



67, 43.100, 21.605



46, 6.077, 342.863



39, 65.929, 359.228



8, 28.903, 353.055

Inverse Universe

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



68, 47.852, 346.508



68, 60.413, 347.798



87, 31.989, 194.038



46, 6.077, 342.863



39, 65.929, 359.228



8, 28.903, 353.055

Previews

White Background



This preview shows how the CIELCh color 68, 47.855, 346.507 looks on a white background.

Color Contrast Check

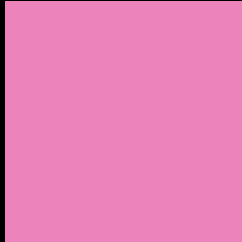
Large Text (above 18pt) WCAG AA × Fail

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, 47.855, 346.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

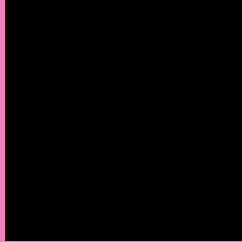
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 47.855, 346.507

Background



This preview shows how black text looks on a background with the CIELCh color 68, 47.855, 346.507.

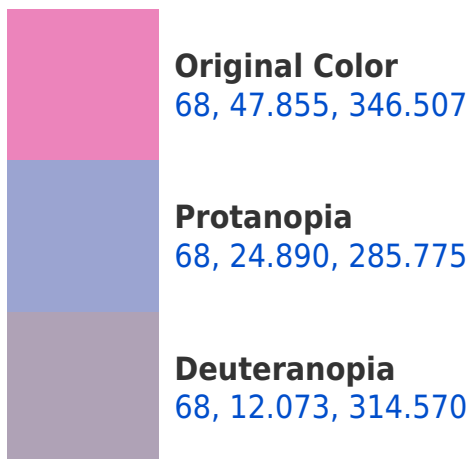


This preview shows how white text looks on a background with the CIELCh color 68, 47.855, 346.507.

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, 37.823, 14.474

Trichromacy



Original Color
68, 47.855, 346.507



Protanomaly
67, 29.456, 315.265



Deuteranomaly
68, 24.926, 335.199

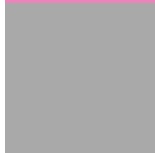


Tritanomaly
68, 40.209, 2.708

Monochromacy



Original Color
68, 47.855, 346.507



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 17.802, 343.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 47.855, 346.507 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(236, 132, 187)` looks like.

```
.text, #text, p{  
    color:rgb(236, 132, 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(236, 132, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 132, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 47.855, 346.507 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(236, 132, 187) }
```

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

```
.border{ border-color:rgb(236, 132, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 132, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 132, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 132, 187);  
box-shadow:4px 4px 4px 4px rgb(236, 132,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 47.855, 346.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 132, 187) }
```

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

```
.background{ background-color: rgb(236,  
132, 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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