

Converting Colors

CIELCh(83, 48.342, 350.530)

Have a look what the booklet for
CIELCh(83, 48.342, 350.530)
contains.

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Color

CIELCh(80, 39.948, 340.655)

Conversions

Conversions Part 1

Format	Color
Hex	FFADEC
RGB	255, 173, 224
RGB Percent	100%, 68%, 88%
CMY	0.0000, 0.3219, 0.1218
CMYK	0.00, 0.32, 0.12, 0.00
HSL	323°, 100%, 84%
HSV	323°, 32%, 100%
XYZ	69.9778, 56.6813, 77.7338
YIQ	203.3320, 32.5010, 33.2450

Conversions

Conversions Part 2

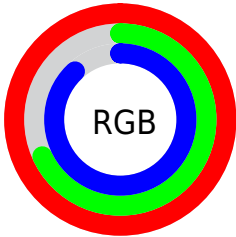
Format	Color
R _Y B	255, 173, 224
Decimal	16756192
CIE Lab	80.00, 37.69, -13.23
CIE LCh	80, 39.948, 340.655
Yxy	56.6813, 0.3424, 0.2773
Android (android.graphics.Color)	4294946272 (0xFFFFAEE0)
YUV	203.3320, 10.1893, 45.3128
Hunter-Lab	75.2870, 34.1601, -8.5160

Details

The CIELCh color **80, 39.948, 340.655** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 38.925, 154.805**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 16.248, 324.987**, and **60, 39.957, 339.982** is the 20% darker color. If you saturate the color by 10%, you get **74, 51.684, 341.268**, and if you desaturate by 10%, it is **86, 27.331, 339.364**.

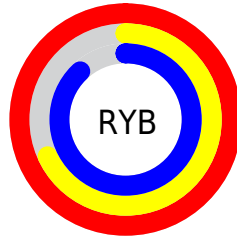
Distribution



Red (100%)

Green (68%)

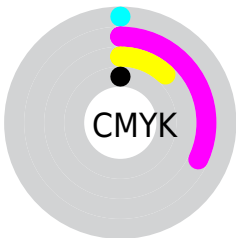
Blue (88%)



Red (100%)

Yellow (68%)

Blue (88%)

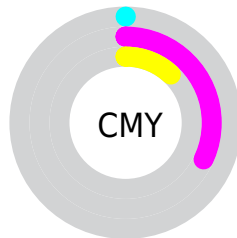


Cyan (0%)

Magenta (32%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 39.948, 340.655 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 80, 39.948, 340.655 by changing the saturation by 10% instead.


 80, 39.948,
340.655


 80, 39.948,
340.655


 100, 39.948,
340.655


 70, 39.948,
340.655

 60, 39.948,
340.655

 50, 39.948,
340.655

 40, 39.948,
340.655


 30, 39.948,
340.655


 20, 39.948,
340.655


 10, 39.948,

340.655


 0, 39.948, 340.655


 80, 39.948,
340.655

 80, 39.948,
340.655

 74, 51.684,
341.268


 86, 27.331,
339.364

 69, 62.848,
342.395


 92, 14.916,
338.528

 65, 72.610,
343.698

 99, 2.656, 337.633

 61, 80.330,
345.248

100, 0.012,
296.813

 58, 85.459,
347.142

■ 57, 87.761,
349.499

■ 56, 87.961,
351.689

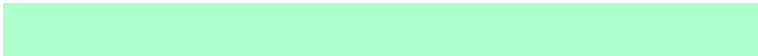
Harmonies

Complementary

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



80, 39.948, 340.655



94, 38.925, 154.805

Rectangle

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



80, 39.948, 340.655



80, 39.948, 30.655



80, 39.948, 160.655



80, 39.948, 210.655

Sweetspot

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



80, 39.694, 340.269



94, 12.216, 338.350



76, 45.469, 306.260



49, 8.345, 338.464



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 39.694, 340.269



76, 47.928, 340.938



79, 32.190, 12.043



50, 6.942, 338.310



42, 71.074, 351.134



11, 33.509, 347.442

Inverse Universe

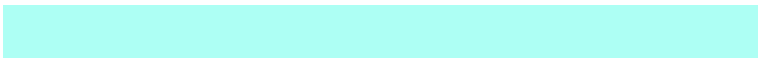
The Inverse Universe completely reimagines the original color for something new.



80, 39.694, 340.269



76, 47.928, 340.938



95, 27.275, 185.726



50, 6.942, 338.310



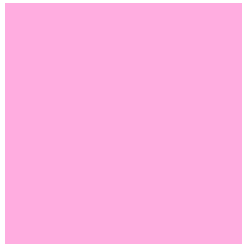
42, 71.074, 351.134



11, 33.509, 347.442

Previews

White Background



This preview shows how the CIELCh color 80, 39.948, 340.655 looks on a white background.

Color Contrast Check

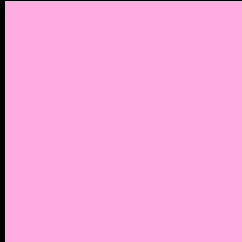
Large Text (above 18pt) WCAG AA × Fail

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 80, 39.948, 340.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

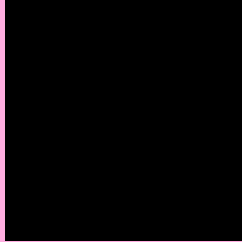
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 39.948, 340.655

Background



This preview shows how black text looks on a background with the CIELCh color 80, 39.948, 340.655.



This preview shows how white text looks on a background with the CIELCh color 80, 39.948, 340.655.

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



Original Color
80, 39.665, 340.251

Protanopia
80, 22.997, 285.608

Deuteranopia
80, 15.421, 311.508



Tritanopia
80, 28.242, 7.913

Trichromacy



Original Color
80, 39.665, 340.251



Protanomaly
80, 26.152, 311.455



Deuteranomaly
80, 23.337, 328.348

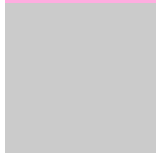


Tritanomaly
80, 31.232, 355.150

Monochromacy



Original Color
80, 39.665, 340.251



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 14.917, 338.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 39.948, 340.655 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(255, 173, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 224)  
}
```

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(255, 173, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 39.948, 340.655 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(255, 173, 224) }
```

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

```
.border{ border-color:rgb(255, 173, 224) }
```

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

Here you see how a box with a 4 pixel rgb(255, 173, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 39.948, 340.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 224) }
```

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

```
.background{ background-color: rgb(255,  
173, 224) }
```

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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