

Converting Colors

CIELCh(82, 35.237, 341.099)

Have a look what the booklet for
CIELCh(82, 35.237, 341.099)
contains.

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Color

CIELCh(82, 34.877, 340.860)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6E2
RGB	255, 182, 226
RGB Percent	100%, 71%, 89%
CMY	0.0000, 0.2857, 0.1132
CMYK	0.00, 0.29, 0.11, 0.00
HSL	324°, 100%, 86%
HSV	324°, 29%, 100%
XYZ	71.7961, 60.2982, 79.9073
YIQ	208.8430, 29.3840, 29.1600

Conversions

Conversions Part 2

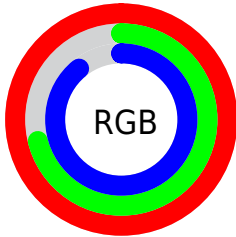
Format	Color
R_{YB}	255, 182, 226
Decimal	16758498
CIE _{Lab}	82.00, 32.95, -11.44
CIE _{LCh}	82, 34.877, 340.860
Yxy	60.2982, 0.3387, 0.2844
Android (android.graphics.Color)	4294948578 (0xFFFFB6E2)
YUV	208.8430, 8.4584, 40.4797
Hunter-Lab	77.6519, 29.1484, -6.6557

Details

The CIELCh color $82, 34.877, 340.860$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $94, 34.144, 155.970$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 9.976, 324.758$, and $62, 35.039, 340.414$ is the 20% darker color. If you saturate the color by 10%, you get $76, 46.884, 341.791$, and if you desaturate by 10%, it is $88, 22.559, 339.897$.

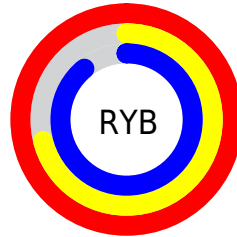
Distribution



Red (100%)

Green (71%)

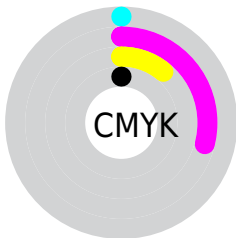
Blue (89%)



Red (100%)

Yellow (71%)

Blue (89%)

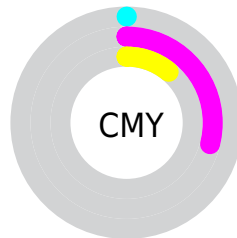


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 34.877, 340.860 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 82, 34.877, 340.860 by changing the saturation by 10% instead.

 82, 34.877,
340.860

 82, 34.877,
340.860

 100, 34.877,
340.860


 72, 34.877,
340.860

 62, 34.877,
340.860

 52, 34.877,
340.860

 42, 34.877,
340.860

 32, 34.877,
340.860

 22, 34.877,
340.860

 12, 34.877,

340.860

■ 2, 34.877, 340.860

■ 0, 34.877, 340.860

■ 82, 34.877,
340.860

■ 82, 34.877,
340.860

■ 76, 46.884,
341.791

■ 88, 22.559,
339.897

■ 71, 58.305,
342.909

■ 94, 10.327,
339.057

■ 66, 68.567,
344.199

100, 0.012,
296.813

■ 62, 77.045,
345.728

■ 59, 83.136,

347.593

■ 57, 86.467,
349.915

■ 56, 87.216,
352.798

■ 56, 87.241,
353.237

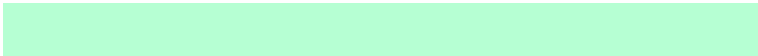
Harmonies

Complementary

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



82, 34.877, 340.860



94, 34.144, 155.970

Rectangle

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



82, 34.877, 340.860



82, 34.877, 30.860



82, 34.877, 160.860



82, 34.877, 210.860

Sweetspot

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



82, 34.836, 340.797



94, 10.848, 339.093



79, 40.220, 306.564



49, 7.548, 339.214



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 34.836, 340.797



79, 41.427, 341.323



81, 28.269, 12.794



50, 6.856, 339.135



42, 70.482, 352.642



11, 33.213, 348.680

Inverse Universe

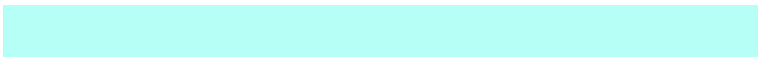
The Inverse Universe completely reimagines the original color for something new.



82, 34.836, 340.797



79, 41.427, 341.323



95, 24.288, 187.480



50, 6.856, 339.135



42, 70.482, 352.642



11, 33.213, 348.680

Previews

White Background



This preview shows how the CIELCh color 82, 34.877, 340.860 looks on a white background.

Color Contrast Check

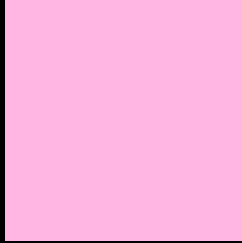
Large Text (above 18pt) WCAG AA × Fail

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 82, 34.877, 340.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

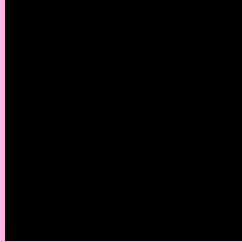
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 34.877, 340.860

Background



This preview shows how black text looks on a background with the CIELCh color 82, 34.877, 340.860.



This preview shows how white text looks on a background with the CIELCh color 82, 34.877, 340.860.

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
82, 34.877, 340.860

Protanopia
82, 19.140, 285.801

Deuteranopia
82, 14.004, 315.105

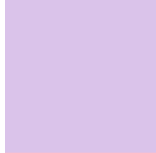


Tritanopia
82, 25.510, 4.885

Trichromacy



Original Color
82, 34.877, 340.860



Protanomaly
82, 22.303, 312.855



Deuteranomaly
82, 21.144, 330.209

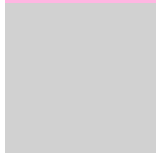


Tritanomaly
82, 28.312, 354.263

Monochromacy



Original Color
82, 34.877, 340.860



Achromatopsia
84, 0.010, 296.813



Achromatomaly
83, 12.988, 339.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 34.877, 340.860 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, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 226)  
}
```

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, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 34.877, 340.860 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, 182, 226) }
```

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

```
.border{ border-color:rgb(255, 182, 226) }
```

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

Here you see how a box with a 4 pixel rgb(255, 182, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 34.877, 340.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 226) }
```

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

```
.background{ background-color: rgb(255,  
182, 226) }
```

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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