

Converting Colors

CIELCh(89, 53.629, 1.306)

Have a look what the booklet for
CIELCh(89, 53.629, 1.306) contains.

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Color

CIELCh(82, 33.958, 342.954)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6DF
RGB	255, 182, 223
RGB Percent	100%, 71%, 87%
CMY	0.0000, 0.2848, 0.1240
CMYK	0.00, 0.28, 0.12, 0.00
HSL	326°, 100%, 86%
HSV	326°, 28%, 100%
XYZ	71.5680, 60.2982, 77.9554
YIQ	208.5010, 30.3470, 28.2270

Conversions

Conversions Part 2

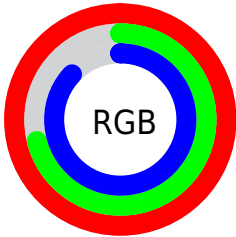
Format	Color
R_{YB}	255, 182, 223
Decimal	16758495
CIE _{Lab}	82.00, 32.47, -9.95
CIE _{LCh}	82, 33.958, 342.954
Yxy	60.2982, 0.3411, 0.2874
Android (android.graphics.Color)	4294948575 (0xFFFFB6DF)
YUV	208.5010, 7.1480, 40.7796
Hunter-Lab	77.6519, 28.6240, -5.1654

Details

The CIELCh color $82, 33.958, 342.954$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $94, 33.003, 157.782$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 10.602, 324.781$, and $62, 34.073, 342.613$ is the 20% darker color. If you saturate the color by 10%, you get $76, 45.642, 343.842$, and if you desaturate by 10%, it is $88, 21.853, 341.826$.

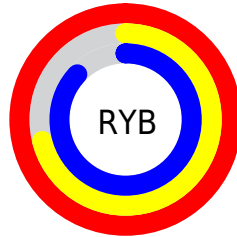
Distribution



Red (100%)

Green (71%)

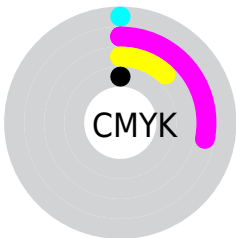
Blue (87%)



Red (100%)

Yellow (71%)

Blue (87%)

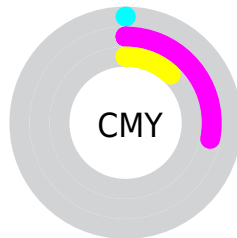


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 33.958, 342.954 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, 33.958, 342.954 by changing the saturation by 10% instead.


 82, 33.958,
342.954


 82, 33.958,
342.954


 100, 33.958,
342.954


 72, 33.958,
342.954

 62, 33.958,
342.954

 52, 33.958,
342.954

 42, 33.958,
342.954

 32, 33.958,
342.954

 22, 33.958,
342.954

 12, 33.958,

342.954

■ 2, 33.958, 342.954

■ 0, 33.958, 342.954

■ 82, 33.958,
342.954

■ 82, 33.958,
342.954

■ 76, 45.642,
343.842

■ 88, 21.853,
341.826

■ 71, 56.862,
345.055

■ 94, 9.934, 340.945

■ 66, 66.984,
346.474

100, 0.012,
296.813

■ 62, 75.392,
348.181

■ 59, 81.490,

350.288

■ 57, 84.916,
352.938

■ 55, 85.858,
356.245

■ 55, 85.921,
356.783

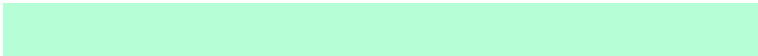
Harmonies

Complementary

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



82, 33.958, 342.954



94, 33.003, 157.782

Rectangle

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



82, 33.958, 342.954



82, 33.958, 32.954



82, 33.958, 162.954



82, 33.958, 212.954

Sweetspot

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



82, 33.843, 342.779



94, 10.554, 340.990



79, 40.345, 308.238



49, 7.345, 341.117



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, 33.843, 342.779



79, 40.406, 343.350



81, 28.153, 16.643



50, 6.671, 341.034



42, 69.382, 356.098



11, 32.624, 351.522

Inverse Universe

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



82, 33.843, 342.779



79, 40.406, 343.350



95, 23.735, 191.886



50, 6.671, 341.034



42, 69.382, 356.098



11, 32.624, 351.522

Previews

White Background



This preview shows how the CIELCh color 82, 33.958, 342.954 looks on a white background.

Color Contrast Check

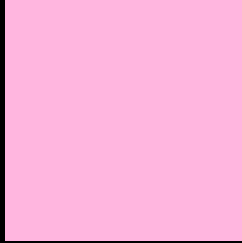
Large Text (above 18pt) WCAG AA × Fail

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, 33.958, 342.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

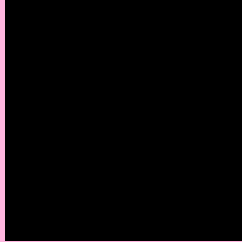
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 33.958, 342.954

Background



This preview shows how black text looks on a background with the CIELCh color 82, 33.958, 342.954.



This preview shows how white text looks on a background with the CIELCh color 82, 33.958, 342.954.

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, 33.958, 342.954

Protanopia

82, 17.537, 286.169

Deuteranopia

82, 13.565, 321.129

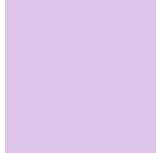


Tritanopia
82, 26.009, 4.055

Trichromacy



Original Color
82, 33.958, 342.954



Protanomaly
82, 20.337, 314.993



Deuteranomaly
82, 20.847, 333.693

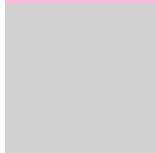


Tritanomaly
82, 28.115, 355.243

Monochromacy



Original Color
82, 33.958, 342.954



Achromatopsia
84, 0.010, 296.813



Achromatomaly
83, 12.660, 341.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 33.958, 342.954 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 33.958, 342.954 is called "border". The border property can be set on classes, ids or directly on the HTML element.

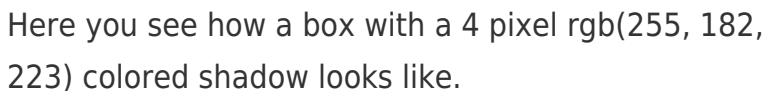
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 182, 223) }
```

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

```
.border{ border-color:rgb(255, 182, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 33.958, 342.954 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, 223) }
```

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

```
.background{ background-color: rgb(255,  
182, 223) }
```

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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