

Converting Colors

CIELCh(86, 48.233, 356.669)

Have a look what the booklet for
CIELCh(86, 48.233, 356.669)
contains.

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Color

CIELCh(81, 35.453, 342.856)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3DE
RGB	255, 179, 222
RGB Percent	100%, 70%, 87%
CMY	0.0019, 0.2998, 0.1313
CMYK	0.00, 0.30, 0.13, 0.00
HSL	326°, 99%, 85%
HSV	326°, 30%, 100%
XYZ	70.2085, 58.4711, 76.3614
YIQ	206.6260, 31.4930, 29.4850

Conversions

Conversions Part 2

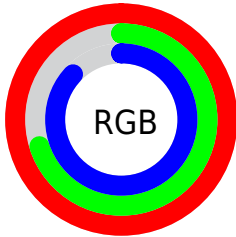
Format	Color
R _Y B	255, 179, 222
Decimal	16757726
CIE Lab	81.00, 33.88, -10.45
CIE LCh	81, 35.453, 342.856
Yxy	58.4711, 0.3424, 0.2852
Android (android.graphics.Color)	4294947806 (0xFFFFB3DE)
YUV	206.6260, 7.5794, 42.4240
Hunter-Lab	76.4664, 30.0755, -5.6821

Details

The CIELCh color **81, 35.453, 342.856** is a light color, and the websafe version is hex **FF99CC**, and the color name is **light hot pink**. A complement of this color would be **94, 34.540, 157.582**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 12.482, 324.851**, and **61, 35.616, 342.582** is the 20% darker color. If you saturate the color by 10%, you get **75, 47.184, 343.936**, and if you desaturate by 10%, it is **87, 23.479, 341.893**.

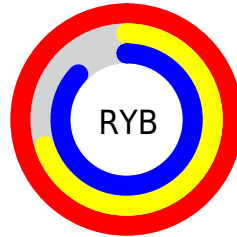
Distribution



Red (100%)

Green (70%)

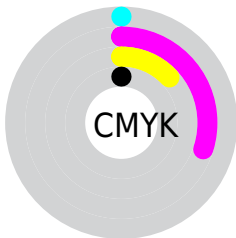
Blue (87%)



Red (100%)

Yellow (70%)

Blue (87%)

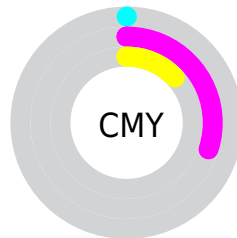


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 35.453, 342.856 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 81, 35.453, 342.856 by changing the saturation by 10% instead.


 81, 35.453,
342.856


 81, 35.453,
342.856


 100, 35.453,
342.856


 71, 35.453,
342.856

 61, 35.453,
342.856

 51, 35.453,
342.856

 41, 35.453,
342.856

 31, 35.453,
342.856

 21, 35.453,
342.856

 11, 35.453,

342.856

■ 1, 35.453, 342.856

■ 0, 35.453, 342.856

■ 81, 35.453,
342.856

■ 81, 35.453,
342.856

■ 75, 47.184,
343.936

■ 87, 23.479,
341.893

■ 70, 58.276,
345.170

■ 93, 11.548,
341.007

■ 65, 68.190,
346.619

100, 0.169,
162.976

■ 61, 76.303,
348.367

100, 0.170,
203.288

■ 58, 82.041,

350.532

■ 56, 85.090,
353.256

■ 55, 85.822,
356.620

■ 55, 85.829,
356.674

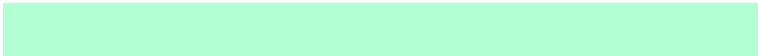
Harmonies

Complementary

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



81, 35.453, 342.856



94, 34.540, 157.582

Rectangle

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



81, 35.453, 342.856



81, 35.453, 32.856



81, 35.453, 162.856



81, 35.453, 212.856

Sweetspot

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



81, 35.450, 342.857



94, 10.562, 340.934



78, 42.301, 308.322



49, 7.351, 341.060



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 35.450, 342.857



78, 42.787, 343.506



80, 29.593, 16.828



50, 6.676, 340.978



42, 69.410, 355.995



11, 32.640, 351.438

Inverse Universe

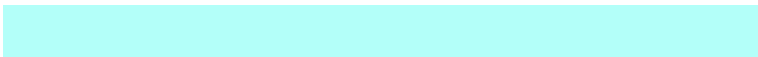
The Inverse Universe completely reimagines the original color for something new.



81, 35.450, 342.857



78, 42.787, 343.506



95, 24.723, 191.789



50, 6.676, 340.978



42, 69.410, 355.995



11, 32.640, 351.438

Previews

White Background



This preview shows how the CIELCh color 81, 35.453, 342.856 looks on a white background.

Color Contrast Check

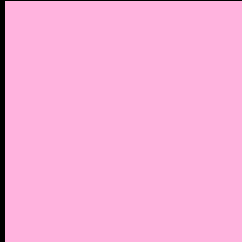
Large Text (above 18pt) WCAG AA × Fail

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 81, 35.453, 342.856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

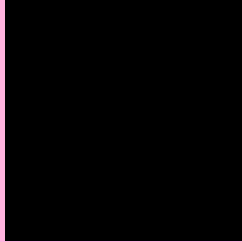
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 35.453, 342.856

Background



This preview shows how black text looks on a background with the CIELCh color 81, 35.453, 342.856.



This preview shows how white text looks on a background with the CIELCh color 81, 35.453, 342.856.

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

81, 35.453, 342.856

Protanopia

81, 18.640, 286.623

Deuteranopia

81, 13.244, 318.410

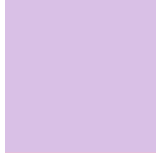


Tritanopia
81, 27.090, 6.041

Trichromacy



Original Color
81, 35.453, 342.856



Protanomaly
81, 22.134, 315.078



Deuteranomaly
81, 20.643, 332.925

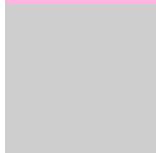


Tritanomaly
81, 29.746, 355.836

Monochromacy



Original Color
81, 35.453, 342.856



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 13.302, 340.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 35.453, 342.856 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, 179, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 222)  
}
```

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, 179, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 35.453, 342.856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

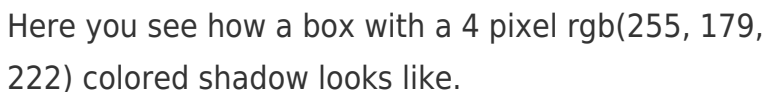
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 179, 222) }
```

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

```
.border{ border-color:rgb(255, 179, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 179, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 179, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 179, 222); box-shadow:4px 4px 4px 4px rgb(255, 179, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 35.453, 342.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 222) }
```

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

```
.background{ background-color: rgb(255,  
179, 222) }
```

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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