

Converting Colors

CIELCh(82, 31.634, 347.216)

Have a look what the booklet for
CIELCh(82, 31.634, 347.216)
contains.

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Color

CIELCh(82, 31.959, 347.077)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7DA
RGB	255, 183, 218
RGB Percent	100%, 72%, 85%
CMY	0.0000, 0.2817, 0.1444
CMYK	0.00, 0.28, 0.14, 0.00
HSL	331°, 100%, 86%
HSV	331°, 28%, 100%
XYZ	70.9483, 60.2982, 74.3436
YIQ	208.5180, 31.6770, 26.1490

Conversions

Conversions Part 2

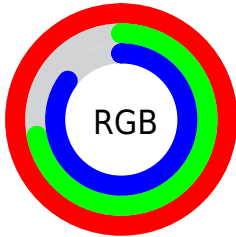
Format	Color
R _Y B	255, 183, 218
Decimal	16758746
CIE Lab	82.00, 31.15, -7.15
CIE LCh	82, 31.959, 347.077
Yxy	60.2982, 0.3451, 0.2933
Android (android.graphics.Color)	4294948826 (0xFFFFB7DA)
YUV	208.5180, 4.6746, 40.7647
Hunter-Lab	77.6519, 27.1995, -2.4076

Details

The CIELCh color **82, 31.959, 347.077** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 30.730, 161.705**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 9.351, 324.734**, and **62, 31.990, 346.941** is the 20% darker color. If you saturate the color by 10%, you get **76, 43.278, 348.208**, and if you desaturate by 10%, it is **88, 20.425, 345.946**.

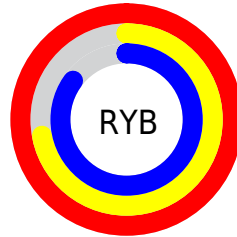
Distribution



Red (100%)

Green (72%)

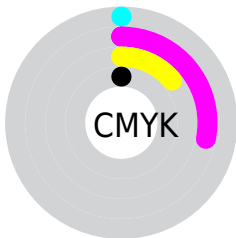
Blue (85%)



Red (100%)

Yellow (72%)

Blue (85%)

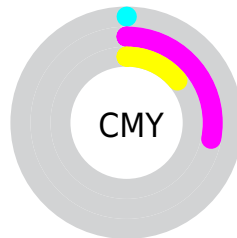


Cyan (0%)

Magenta (28%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 31.959, 347.077 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, 31.959, 347.077 by changing the saturation by 10% instead.


 82, 31.959,
347.077


 82, 31.959,
347.077


 100, 31.959,
347.077


 72, 31.959,
347.077

 62, 31.959,
347.077

 52, 31.959,
347.077

 42, 31.959,
347.077

 32, 31.959,
347.077

 22, 31.959,
347.077

 12, 31.959,

347.077

■ 2, 31.959, 347.077

■ 0, 31.959, 347.077

■ 82, 31.959,
347.077

■ 82, 31.959,
347.077

■ 76, 43.278,
348.208

■ 88, 20.425,
345.946

■ 71, 54.188,
349.613

■ 95, 9.078, 344.983

■ 66, 64.141,
351.294

100, 0.012,
296.813

■ 62, 72.549,
353.362

■ 58, 78.842,

355.959

■ 56, 82.687,
359.259

■ 55, 84.296, 3.387

■ 55, 84.512, 4.192

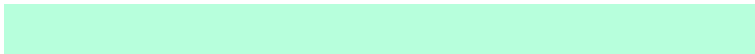
Harmonies

Complementary

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



82, 31.959, 347.077



95, 30.730, 161.705

Rectangle

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



82, 31.959, 347.077



82, 31.959, 37.077



82, 31.959, 167.077



82, 31.959, 217.077

Sweetspot

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



82, 31.904, 347.004



95, 8.888, 344.967



80, 40.294, 310.446



50, 6.329, 345.110



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, 31.904, 347.004



78, 38.569, 347.685



81, 28.011, 21.725



50, 6.329, 345.110



41, 68.130, 3.334



10, 31.754, 357.537

Inverse Universe

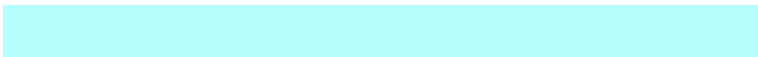
The Inverse Universe completely reimagines the original color for something new.



82, 31.904, 347.004



78, 38.569, 347.685



96, 23.085, 197.994



50, 6.329, 345.110



41, 68.130, 3.334



10, 31.754, 357.537

Previews

White Background



This preview shows how the CIELCh color 82, 31.959, 347.077 looks on a white background.

Color Contrast Check

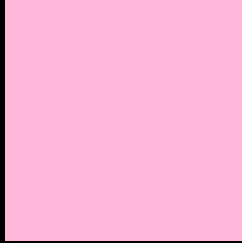
Large Text (above 18pt) WCAG AA × Fail

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, 31.959, 347.077 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, 31.959, 347.077

Background



This preview shows how black text looks on a background with the CIELCh color 82, 31.959, 347.077.



This preview shows how white text looks on a background with the CIELCh color 82, 31.959, 347.077.

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, 31.959, 347.077

Protanopia
82, 14.330, 287.306

Deuteranopia
82, 11.831, 330.762

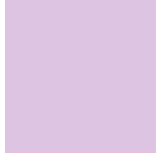


Tritanopia
82, 26.374, 4.348

Trichromacy



Original Color
82, 31.959, 347.077



Protanomaly
82, 18.123, 319.388



Deuteranomaly
82, 18.707, 340.423

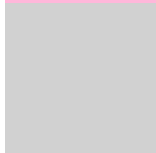


Tritanomaly
82, 28.090, 357.609

Monochromacy



Original Color
82, 31.959, 347.077



Achromatopsia
84, 0.010, 296.813



Achromatomaly
83, 11.447, 346.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 31.959, 347.077 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, 183, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 218)  
}
```

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, 183, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 31.959, 347.077 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, 183, 218) }
```

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

```
.border{ border-color:rgb(255, 183, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 31.959, 347.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 218) }
```

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

```
.background{ background-color: rgb(255,  
183, 218) }
```

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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