

Converting Colors

CIELCh(100, 81.692, 15.444)

Have a look what the booklet for
CIELCh(100, 81.692, 15.444)
contains.

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Color

CIELCh(82, 31.116, 348.282)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8D9
RGB	255, 184, 217
RGB Percent	100%, 72%, 85%
CMY	0.0016, 0.2799, 0.1505
CMYK	0.00, 0.28, 0.15, 0.00
HSL	332°, 99%, 86%
HSV	332°, 28%, 100%
XYZ	70.6288, 60.2982, 73.3001
YIQ	208.9910, 31.7230, 25.3150

Conversions

Conversions Part 2

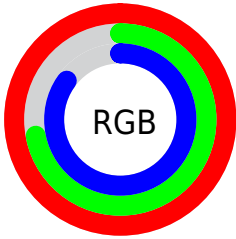
Format	Color
R _{YB}	255, 184, 217
Decimal	16759001
CIE Lab	82.00, 30.47, -6.32
CIE LCh	82, 31.116, 348.282
Yxy	60.2982, 0.3458, 0.2953
Android (android.graphics.Color)	4294949081 (0xFFFFB8D9)
YUV	208.9910, 3.9484, 40.3499
Hunter-Lab	77.6519, 26.4649, -1.6109

Details

The CIELCh color **82, 31.116, 348.282** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 29.851, 162.951**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 8.725, 324.710**, and **62, 31.116, 348.193** is the 20% darker color. If you saturate the color by 10%, you get **76, 42.372, 349.524**, and if you desaturate by 10%, it is **88, 19.783, 347.199**.

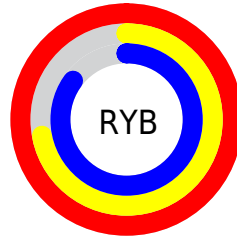
Distribution



Red (100%)

Green (72%)

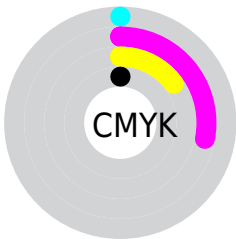
Blue (85%)



Red (100%)

Yellow (72%)

Blue (85%)

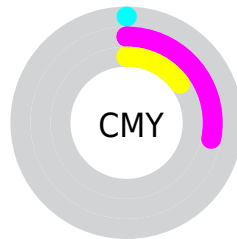


Cyan (0%)

Magenta (28%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 31.116, 348.282 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, 31.116, 348.282 by changing the saturation by 10% instead.


 82, 31.116,
348.282


 82, 31.116,
348.282


 100, 31.116,
348.282


 72, 31.116,
348.282

 62, 31.116,
348.282

 52, 31.116,
348.282

 42, 31.116,
348.282

 32, 31.116,
348.282

 22, 31.116,
348.282

 12, 31.116,

348.282

■ 2, 31.116, 348.282

■ 0, 31.116, 348.282

■ 82, 31.116,
348.282

■ 82, 31.116,
348.282

■ 76, 42.372,
349.524

■ 88, 19.783,
347.199

■ 71, 53.211,
350.979

■ 95, 8.608, 346.214

■ 66, 63.153,
352.730

100, 0.139,
204.164

■ 61, 71.619,
354.891

■ 58, 78.048,

357.616

■ 56, 82.112, 1.081

■ 55, 84.010, 5.414

■ 55, 84.322, 6.396

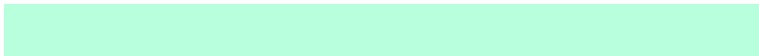
Harmonies

Complementary

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



82, 31.116, 348.282



95, 29.851, 162.951

Rectangle

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



82, 31.116, 348.282



82, 31.116, 38.282



82, 31.116, 168.282



82, 31.116, 218.282

Sweetspot

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



82, 31.113, 348.284



95, 8.758, 346.226



80, 40.028, 311.535



50, 6.236, 346.372



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, 31.113, 348.284



79, 36.958, 348.897



82, 26.809, 24.203



50, 6.236, 346.372



41, 68.013, 5.498



10, 31.582, 359.362

Inverse Universe

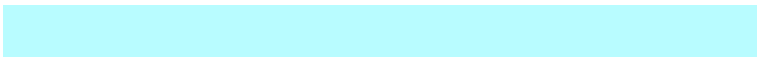
The Inverse Universe completely reimagines the original color for something new.



82, 31.113, 348.284



79, 36.958, 348.897



95, 22.067, 201.241



50, 6.236, 346.372



41, 68.013, 5.498



10, 31.582, 359.362

Previews

White Background



This preview shows how the CIELCh color 82, 31.116, 348.282 looks on a white background.

Color Contrast Check

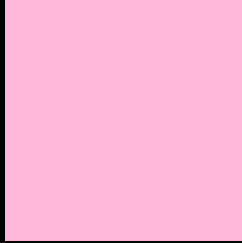
Large Text (above 18pt) WCAG AA × Fail

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, 31.116, 348.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

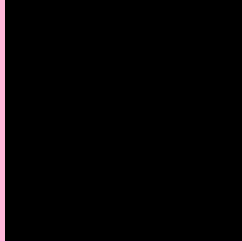
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 31.116, 348.282

Background



This preview shows how black text looks on a background with the CIELCh color 82, 31.116, 348.282.



This preview shows how white text looks on a background with the CIELCh color 82, 31.116, 348.282.

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, 31.116, 348.282

Protanopia
82, 13.787, 288.517

Deuteranopia
82, 11.682, 333.843

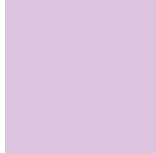


Tritanopia
82, 26.374, 4.348

Trichromacy



Original Color
82, 31.116, 348.282



Protanomaly
82, 17.206, 321.060



Deuteranomaly
82, 18.668, 342.452

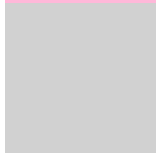


Tritanomaly
82, 28.090, 357.609

Monochromacy



Original Color
82, 31.116, 348.282



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, 31.116, 348.282 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, 184, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 217)  
}
```

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, 184, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 31.116, 348.282 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, 184, 217) }
```

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

```
.border{ border-color:rgb(255, 184, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 31.116, 348.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 217) }
```

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

```
.background{ background-color: rgb(255,  
184, 217) }
```

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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