

Converting Colors

CIELCh(84, 27.522, 349.145)

Have a look what the booklet for
CIELCh(84, 27.522, 349.145)
contains.

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Color

CIELCh(84, 27.227, 349.141)

Conversions

Conversions Part 1	
Format	Color
Hex	FFC0DC
RGB	255, 192, 220
RGB Percent	100%, 75%, 86%
CMY	0.0004, 0.2474, 0.1376
CMYK	0.00, 0.25, 0.14, 0.00
HSL	333°, 100%, 88%
HSV	333°, 25%, 100%
XYZ	72.9427, 64.0658, 76.1696
YIQ	214.0290, 28.5600, 22.0640

Conversions

Conversions Part 2

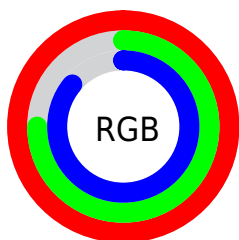
Format	Color
RYB	255, 192, 220
Decimal	16761052
CIELab	84.00, 26.74, -5.13
CIELCh	84, 27.227, 349.141
Yxy	64.0658, 0.3422, 0.3005
Android (android.graphics.Color)	4294951132 (0xFFFFC0DC)
YUV	214.0290, 2.9437, 35.9316
Hunter-Lab	80.0411, 22.5978, -0.3935

Details

The CIELCh color **84, 27.227, 349.141** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 26.146, 164.437**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.736, 324.489**, and **64, 27.378, 349.408** is the 20% darker color. If you saturate the color by 10%, you get **78, 38.449, 350.363**, and if you desaturate by 10%, it is **90, 16.033, 348.072**.

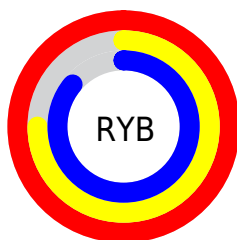
Distribution



Red (100%)

Green (75%)

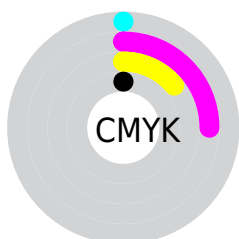
Blue (86%)



Red (100%)

Yellow (75%)

Blue (86%)

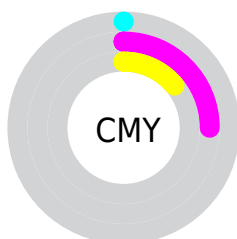


Cyan (0%)

Magenta (25%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (25%)

Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 27.227, 349.141 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 84, 27.227, 349.141 by changing the saturation by 10% instead.


 84, 27.227,
349.141


 84, 27.227,
349.141


 100, 27.227,
349.141


 74, 27.227,
349.141

 64, 27.227,
349.141

 54, 27.227,
349.141

 44, 27.227,
349.141

 34, 27.227,
349.141


 24, 27.227,
349.141


 14, 27.227,


349.141


 4, 27.227, 349.141


 0, 27.227, 349.141

 84, 27.227,
349.141

 84, 27.227,
349.141

 78, 38.449,
350.363


 90, 16.033,
348.072

 72, 49.406,
351.789

 97, 5.065, 347.067

 67, 59.666,
353.500

100, 0.033,
220.108

 63, 68.682,
355.605

 59, 75.878,

358.253

 57, 80.838, 1.622

 55, 83.559, 5.874

 54, 84.448, 8.421

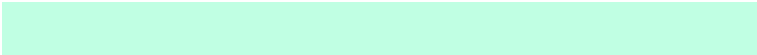
Harmonies

Complementary

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



84, 27.227, 349.141



95, 26.146, 164.437

Rectangle

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



84, 27.227, 349.141



84, 27.227, 39.141



84, 27.227, 169.141



84, 27.227, 219.141

Sweetspot

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



84, 27.224, 349.143



95, 7.552, 347.305



82, 35.498, 311.927



50, 4.911, 347.366



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 27.224, 349.143



81, 33.183, 349.767



84, 23.138, 25.237



50, 6.155, 347.554



41, 68.007, 7.481



10, 31.458, 1.049

Inverse Universe

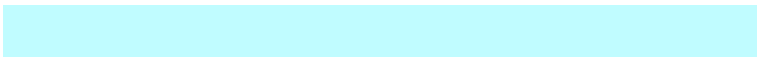
The Inverse Universe completely reimagines the original color for something new.



84, 27.224, 349.143



81, 33.183, 349.767



95, 19.492, 203.018



50, 6.155, 347.554



41, 68.007, 7.481



10, 31.458, 1.049

Previews

White Background



This preview shows how the CIE LCh color 84, 27.227, 349.141 looks on a white background.

Color Contrast Check

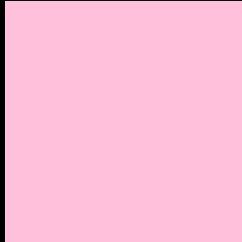
Large Text (above 18pt) WCAG AA × Fail

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 84, 27.227, 349.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

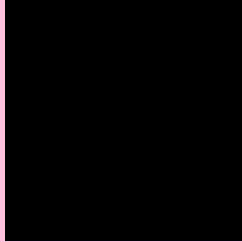
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 27.227, 349.141

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.227, 349.141.



This preview shows how white text looks on a background with the CIELCh color 84, 27.227, 349.141.

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

84, 27.227, 349.141

Protanopia

84, 11.611, 291.174

Deuteranopia


84, 11.786, 338.237



Tritanopia

84, 23.653, 2.040

Trichromacy

	Original Color 84, 27.227, 349.141
	Protanomaly 84, 15.152, 323.862
	Deuteranomaly 84, 17.384, 343.592
	Tritanomaly 84, 24.819, 356.577

Monochromacy

	Original Color 84, 27.227, 349.141
	Achromatopsia 86, 0.010, 296.813
	Achromatomaly 85, 9.912, 348.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.227, 349.141 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, 192, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 220)  
}
```

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, 192, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.227, 349.141 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, 192, 220) }
```

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

```
.border{ border-color:rgb(255, 192, 220) }
```

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

Here you see how a box with a 4 pixel rgb(255, 192, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.227, 349.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 220) }
```

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

```
.background{ background-color: rgb(255,  
192, 220) }
```

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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