

Converting Colors

CIELCh(84, 29.562, 339.354)

Have a look what the booklet for
CIELCh(84, 29.562, 339.354)
contains.

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Color

CIELCh(84, 29.559, 339.469)

Conversions

Conversions Part 1

Format	Color
Hex	FDC0E6
RGB	253, 192, 230
RGB Percent	99%, 75%, 90%
CMY	0.0092, 0.2483, 0.0994
CMYK	0.00, 0.24, 0.09, 0.01
HSL	323°, 93%, 87%
HSV	323°, 24%, 99%
XYZ	73.3939, 64.0658, 83.1113
YIQ	214.5710, 24.1580, 24.7500

Conversions

Conversions Part 2

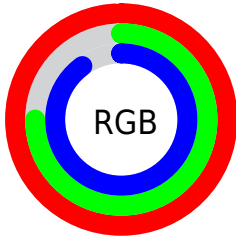
Format	Color
R _Y B	253, 192, 230
Decimal	16629990
CIE Lab	84.00, 27.68, -10.37
CIE LCh	84, 29.559, 339.469
Yxy	64.0658, 0.3327, 0.2905
Android (android.graphics.Color)	4294820070 (0xFFFD0E6)
YUV	214.5710, 7.6065, 33.7022
Hunter-Lab	80.0411, 23.6042, -5.5355

Details

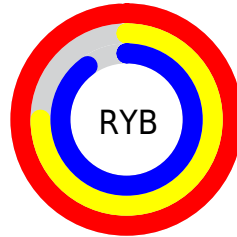
The CIELCh color **84, 29.559, 339.469** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 29.100, 155.578**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.736, 324.489**, and **64, 29.466, 340.030** is the 20% darker color. If you saturate the color by 10%, you get **78, 41.793, 340.389**, and if you desaturate by 10%, it is **90, 17.214, 338.625**.

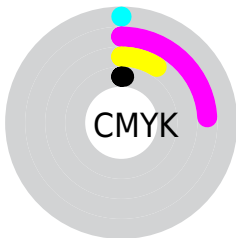
Distribution



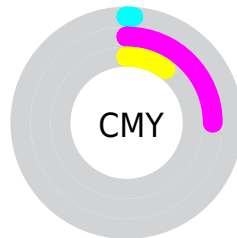
- Red (99%)
- Green (75%)
- Blue (90%)



- Red (99%)
- Yellow (75%)
- Blue (90%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 29.559, 339.469 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, 29.559, 339.469 by changing the saturation by 10% instead.

 84, 29.559,
339.469

 84, 29.559,
339.469

 100, 29.559,
339.469

 74, 29.559,
339.469

 64, 29.559,
339.469

 54, 29.559,
339.469

 44, 29.559,
339.469

 34, 29.559,
339.469

 24, 29.559,
339.469

 14, 29.559,

339.469

■ 4, 29.559, 339.469

■ 0, 29.559, 339.469

■ 84, 29.559,
339.469

■ 84, 29.559,
339.469

■ 78, 41.793,
340.389

■ 90, 17.214,
338.625

■ 73, 53.583,
341.407

■ 97, 4.992, 337.794

■ 68, 64.451,
342.559

■ 100, 0.816,
200.166

■ 63, 73.805,
343.897

■ 60, 81.015,

345.497

■ 57, 85.575,
347.460

■ 56, 87.338,
349.904

■ 55, 87.411,
351.559

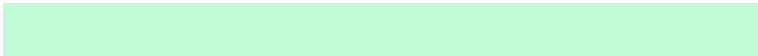
Harmonies

Complementary

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



84, 29.559, 339.469



94, 29.100, 155.578

Rectangle

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



84, 29.559, 339.469



84, 29.559, 29.469



84, 29.559, 159.469



84, 29.559, 209.469

Sweetspot

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



84, 29.556, 339.470



95, 8.536, 338.044



81, 33.417, 305.698



50, 5.549, 338.094



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, 29.556, 339.470



82, 35.808, 339.908



83, 23.440, 10.908



50, 6.949, 338.249



42, 71.120, 351.023



11, 33.532, 347.351

Inverse Universe

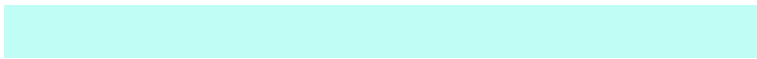
The Inverse Universe completely reimagines the original color for something new.



84, 29.556, 339.470



82, 35.808, 339.908



95, 20.774, 186.451



50, 6.949, 338.249



42, 71.120, 351.023



11, 33.532, 347.351

Previews

White Background



This preview shows how the CIELCh color 84, 29.559, 339.469 looks on a white background.

Color Contrast Check

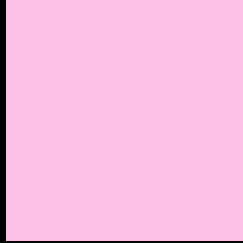
Large Text (above 18pt) WCAG AA × Fail

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, 29.559, 339.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

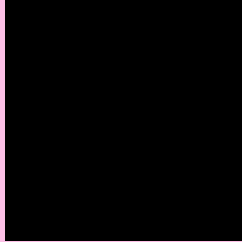
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 29.559, 339.469

Background



This preview shows how black text looks on a background with the CIELCh color 84, 29.559, 339.469.



This preview shows how white text looks on a background with the CIELCh color 84, 29.559, 339.469.

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, 29.559, 339.469

Protanopia

84, 16.911, 287.032

Deuteranopia

84, 13.780, 318.715

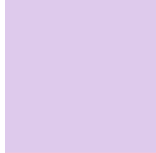


Tritanopia
84, 21.857, 0.184

Trichromacy



Original Color
84, 29.559, 339.469



Protanomaly
84, 19.353, 312.702



Deuteranomaly
84, 18.936, 329.730

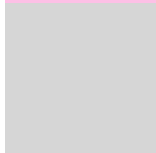


Tritanomaly
84, 24.099, 351.437

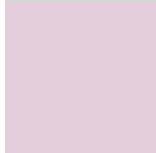
Monochromacy



Original Color
84, 29.559, 339.469



Achromatopsia
86, 0.010, 296.813



Achromatomaly
85, 10.873, 337.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 29.559, 339.469 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(253, 192, 230)` looks like.

```
.text, #text, p{  
    color:rgb(253, 192, 230)  
}
```

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(253, 192, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 192, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 29.559, 339.469 is called "border". The border property can be set on classes, ids or directly on the HTML element.

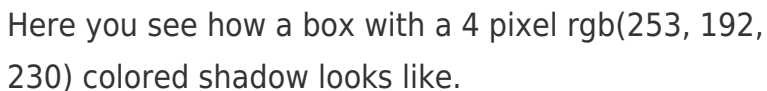
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 192, 230) }
```

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

```
.border{ border-color:rgb(253, 192, 230) }
```

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



Here you see how a box with a 4 pixel `rgb(253, 192, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 192, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 192, 230); box-shadow:4px 4px 4px 4px rgb(253, 192, 230) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 29.559, 339.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 192, 230) }
```

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

```
.background{ background-color: rgb(253,  
192, 230) }
```

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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