

Converting Colors

CIELCh(89, 20.775, 339.274)

Have a look what the booklet for
CIELCh(89, 20.775, 339.274)
contains.

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Color

CIELCh(89, 21.082, 339.321)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3EE
RGB	255, 211, 238
RGB Percent	100%, 83%, 93%
CMY	0.0000, 0.1718, 0.0659
CMYK	0.00, 0.17, 0.07, 0.00
HSL	323°, 100%, 91%
HSV	323°, 17%, 100%
XYZ	80.1142, 74.1641, 91.1298
YIQ	227.2340, 17.5570, 17.7250

Conversions

Conversions Part 2

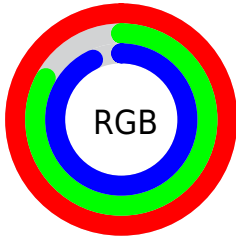
Format	Color
R _Y B	255, 211, 238
Decimal	16765934
CIE Lab	89.00, 19.72, -7.44
CIE LCh	89, 21.082, 339.321
Yxy	74.1641, 0.3265, 0.3022
Android (android.graphics.Color)	4294956014 (0xFFFFD3EE)
YUV	227.2340, 5.3076, 24.3508
Hunter-Lab	86.1186, 15.3471, -2.4570

Details

The CIELCh color **89, 21.082, 339.321** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 20.775, 156.521**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 21.229, 339.375** is the 20% darker color. If you saturate the color by 10%, you get **83, 33.407, 340.061**, and if you desaturate by 10%, it is **95, 8.714, 338.363**.

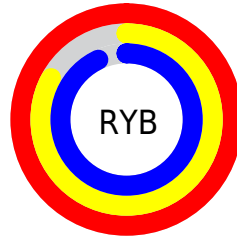
Distribution



Red (100%)

Green (83%)

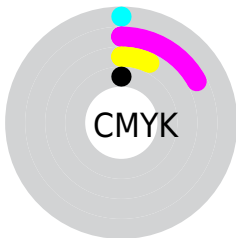
Blue (93%)



Red (100%)

Yellow (83%)

Blue (93%)

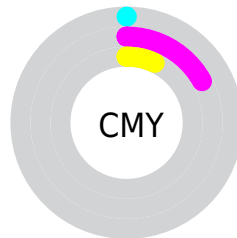


Cyan (0%)

Magenta (17%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 21.082, 339.321 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 89, 21.082, 339.321 by changing the saturation by 10% instead.


 89, 21.082,
339.321


 89, 21.082,
339.321


 100, 21.082,
339.321


 79, 21.082,
339.321

 69, 21.082,
339.321

 59, 21.082,
339.321

 49, 21.082,
339.321

 39, 21.082,
339.321

 29, 21.082,
339.321

 19, 21.082,

339.321

■ 9, 21.082, 339.321

■ 0, 21.082, 339.321

■ 89, 21.082,
339.321

■ 89, 21.082,
339.321

■ 83, 33.407,
340.061

■ 95, 8.714, 338.363

■ 77, 45.594,
341.018

100, 0.012,
296.813

■ 72, 57.205,
342.088

■ 67, 67.722,
343.312

■ 63, 76.526,

344.750

■ 60, 82.999,
346.489

■ 57, 86.717,
348.640

■ 56, 87.711,
351.322

■ 56, 87.738,
352.148

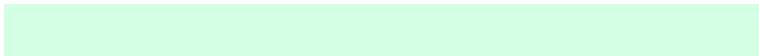
Harmonies

Complementary

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



89, 21.082, 339.321



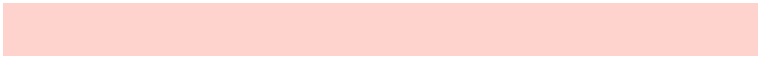
96, 20.775, 156.521

Rectangle

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



89, 21.082, 339.321



89, 21.082, 29.321



89, 21.082, 159.321



89, 21.082, 209.321

Sweetspot

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



89, 21.027, 339.187



97, 6.057, 338.176



87, 23.750, 305.833



51, 4.135, 338.238



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 21.027, 339.187



87, 25.762, 339.513



88, 16.426, 11.369



50, 6.916, 338.555



42, 70.891, 351.581



11, 33.419, 347.809

Inverse Universe

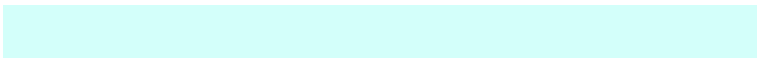
The Inverse Universe completely reimagines the original color for something new.



89, 21.027, 339.187



87, 25.762, 339.513



97, 15.049, 188.449



50, 6.916, 338.555



42, 70.891, 351.581



11, 33.419, 347.809

Previews

White Background



This preview shows how the CIELCh color 89, 21.082, 339.321 looks on a white background.

Color Contrast Check

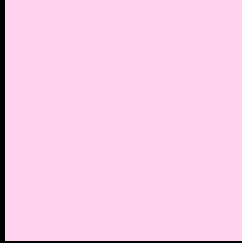
Large Text (above 18pt) WCAG AA × Fail

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 89, 21.082, 339.321 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 89, 21.082, 339.321

Background



This preview shows how black text looks on a background with the CIELCh color 89, 21.082, 339.321.

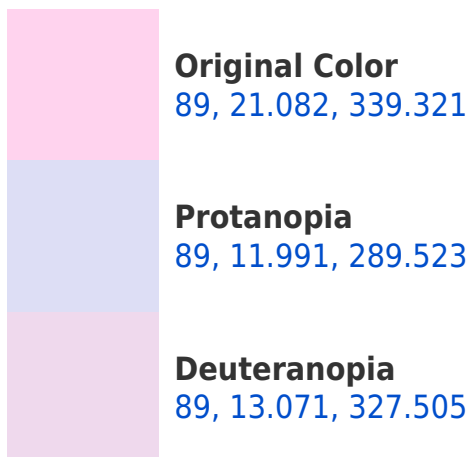


This preview shows how white text looks on a background with the CIELCh color 89, 21.082, 339.321.

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





Tritanopia
89, 17.022, 351.542

Trichromacy



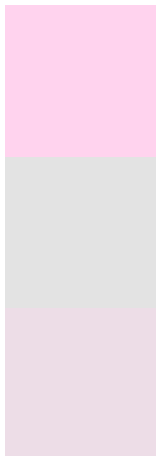
Original Color
89, 21.082, 339.321

Protanomaly
89, 14.118, 312.907

Deuteranomaly
89, 15.703, 333.769

Tritanomaly
89, 18.369, 346.410

Monochromacy



Original Color
89, 21.082, 339.321

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 7.767, 337.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 21.082, 339.321 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, 211, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 238)  
}
```

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, 211, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 21.082, 339.321 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, 211, 238) }
```

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

```
.border{ border-color:rgb(255, 211, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 21.082, 339.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 238) }
```

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

```
.background{ background-color: rgb(255,  
211, 238) }
```

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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