

Converting Colors

CIELCh(79, 39.529, 333.716)

Have a look what the booklet for
CIELCh(79, 39.529, 333.716)
contains.

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Color

CIELCh(79, 39.876, 333.605)

Conversions

Conversions Part 1

Format	Color
Hex	F6ACE5
RGB	246, 172, 229
RGB Percent	96%, 67%, 90%
CMY	0.0341, 0.3244, 0.1008
CMYK	0.00, 0.30, 0.07, 0.03
HSL	314°, 81%, 82%
HSV	314°, 30%, 97%
XYZ	67.0963, 54.9284, 81.4039
YIQ	200.6240, 25.8070, 33.4150

Conversions

Conversions Part 2

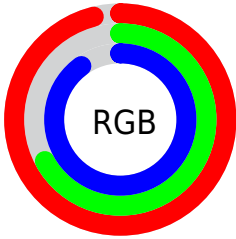
Format	Color
R _Y B	246, 172, 229
Decimal	16166117
CIE Lab	79.00, 35.72, -17.73
CIE LCh	79, 39.876, 333.605
Yxy	54.9284, 0.3298, 0.2700
Android (android.graphics.Color)	4294356197 (0xFFF6ACE5)
YUV	200.6240, 13.9894, 39.7948
Hunter-Lab	74.1137, 31.9000, -13.2425

Details

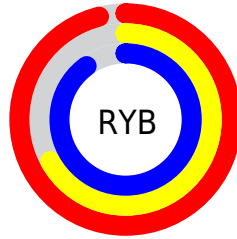
The CIELCh color $79, 39.876, 333.605$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $91, 39.641, 149.241$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 16.877, 325.009$, and $59, 39.520, 334.025$ is the 20% darker color. If you saturate the color by 10%, you get $74, 52.756, 334.344$, and if you desaturate by 10%, it is $85, 26.605, 332.897$.

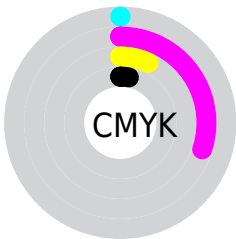
Distribution



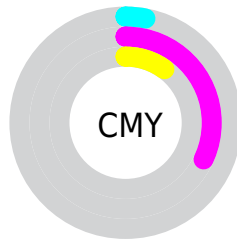
- Red (96%)
- Green (67%)
- Blue (90%)



- Red (96%)
- Yellow (67%)
- Blue (90%)



- Cyan (0%)
- Magenta (30%)
- Yellow (7%)
- Black (3%)





- Cyan (3%)
- Magenta (32%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 39.876, 333.605 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 79, 39.876, 333.605 by changing the saturation by 10% instead.


 79, 39.876,
333.605

 79, 39.876,
333.605


 100, 39.876,
333.605


 69, 39.876,
333.605

 99, 39.876,
333.605

 59, 39.876,
333.605

 49, 39.876,
333.605

 39, 39.876,
333.605

 29, 39.876,
333.605

 19, 39.876,
333.605

 9, 39.876, 333.605

0, 39.876, 333.605

79, 39.876,
333.605

79, 39.876,
333.605

74, 52.756,
334.344

85, 26.605,
332.897

69, 64.813,
335.119

91, 13.270,
332.211

64, 75.484,
335.943

97, 0.077, 326.741

61, 84.143,
336.835

99, 3.424, 172.229

99, 3.013, 199.434

58, 90.223,
337.831

56, 93.405,
338.975

■ 55, 94.037,
340.293

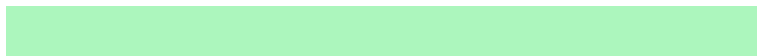
Harmonies

Complementary

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



79, 39.876, 333.605



91, 39.641, 149.241

Rectangle

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



79, 39.876, 333.605



79, 39.876, 23.605



79, 39.876, 153.605



79, 39.876, 203.605

Sweetspot

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



79, 39.873, 333.606



94, 12.212, 332.140



74, 40.570, 301.074



49, 8.495, 332.240



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 39.873, 333.606



78, 48.966, 334.046



78, 30.018, 0.506



48, 7.463, 332.172



42, 76.431, 340.034



10, 34.745, 338.127

Inverse Universe

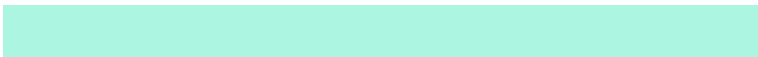
The Inverse Universe completely reimagines the original color for something new.



79, 39.873, 333.606



78, 48.966, 334.046



92, 27.286, 174.146



48, 7.463, 332.172



42, 76.431, 340.034



10, 34.745, 338.127

Previews

White Background



This preview shows how the CIELCh color 79, 39.876, 333.605 looks on a white background.

Color Contrast Check

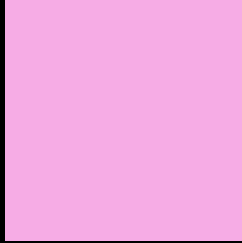
Large Text (above 18pt) WCAG AA × Fail

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 79, 39.876, 333.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

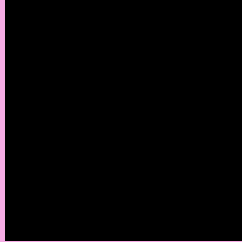
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 39.876, 333.605

Background



This preview shows how black text looks on a background with the CIELCh color 79, 39.876, 333.605.

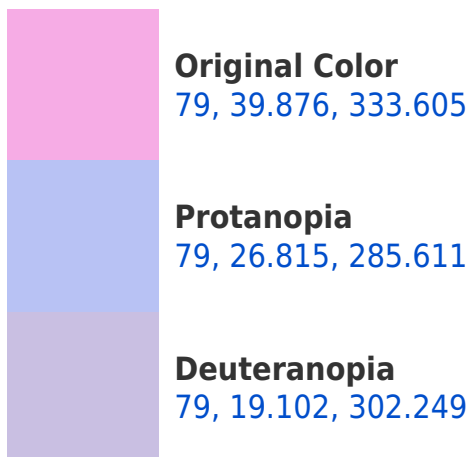


This preview shows how white text looks on a background with the CIELCh color 79, 39.876, 333.605.

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
79, 24.971, 4.401

Trichromacy



Original Color
79, 39.876, 333.605



Protanomaly
79, 29.376, 306.584



Deuteranomaly
79, 25.845, 318.648

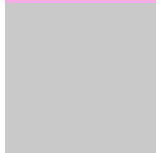


Tritanomaly
79, 29.070, 350.163

Monochromacy



Original Color
79, 39.876, 333.605



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 14.281, 332.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 39.876, 333.605 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(246, 172, 229)` looks like.

```
.text, #text, p{  
    color:rgb(246, 172, 229)  
}
```

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(246, 172, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 172, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 39.876, 333.605 is called "border". The border property can be set on classes, ids or directly on the HTML element.

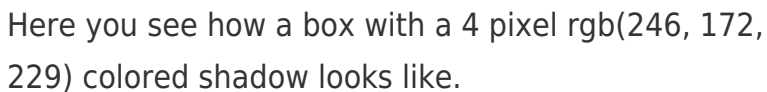
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 172, 229) }
```

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

```
.border{ border-color:rgb(246, 172, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(246, 172, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 172, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 172, 229); box-shadow:4px 4px 4px 4px rgb(246, 172, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 39.876, 333.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 172, 229) }
```

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

```
.background{ background-color: rgb(246,  
172, 229) }
```

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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