

Converting Colors

CIELCh(77, 40.103, 333.796)

Have a look what the booklet for
CIELCh(77, 40.103, 333.796)
contains.

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Color

CIELCh(77, 40.022, 333.648)

Conversions

Conversions Part 1

Format	Color
Hex	F1A7E0
RGB	241, 167, 224
RGB Percent	95%, 65%, 88%
CMY	0.0562, 0.3463, 0.1228
CMYK	0.00, 0.31, 0.07, 0.06
HSL	314°, 72%, 80%
HSV	314°, 31%, 94%
XYZ	63.3363, 51.5317, 76.9015
YIQ	195.6240, 25.8070, 33.4150

Conversions

Conversions Part 2

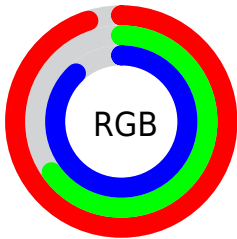
Format	Color
R _Y B	241, 167, 224
Decimal	15837152
CIE Lab	77.00, 35.86, -17.77
CIE LCh	77, 40.022, 333.648
Yxy	51.5317, 0.3303, 0.2687
Android (android.graphics.Color)	4294027232 (0xFFFF1A7E0)
YUV	195.6240, 13.9894, 39.7948
Hunter-Lab	71.7856, 31.8655, -13.2654

Details

The CIELCh color $77, 40.022, 333.648$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 39.786, 149.174$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $92, 20.022, 325.121$, and $57, 40.074, 333.533$ is the 20% darker color. If you saturate the color by 10%, you get $72, 52.626, 334.388$, and if you desaturate by 10%, it is $83, 27.011, 332.940$.

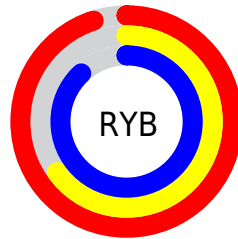
Distribution



Red (95%)

Green (65%)

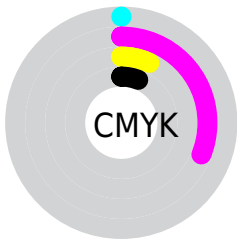
Blue (88%)



Red (95%)

Yellow (65%)

Blue (88%)

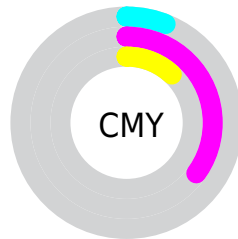


Cyan (0%)

Magenta (31%)

Yellow (7%)

Black (6%)



Cyan (6%)

Magenta (35%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 40.022, 333.648 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 77, 40.022, 333.648 by changing the saturation by 10% instead.

 77, 40.022,
333.648

 77, 40.022,
333.648

 100, 40.022,
333.648

 67, 40.022,
333.648

 97, 40.022,
333.648

 57, 40.022,
333.648

 47, 40.022,
333.648

 37, 40.022,
333.648

 27, 40.022,
333.648

 17, 40.022,
333.648

 7, 40.022, 333.648

0, 40.022, 333.648

77, 40.022,
333.648

77, 40.022,
333.648

72, 52.626,
334.388

83, 27.011,
332.940

67, 64.392,
335.164

89, 13.918,
332.253

63, 74.762,
335.990

95, 0.955, 331.254

99, 6.902, 156.354

59, 83.123,
336.887

99, 5.332, 178.615

57, 88.928,
337.888

99, 4.935, 199.227

55, 91.887,
339.040

■ 54, 92.434,
340.268

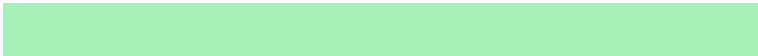
Harmonies

Complementary

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



77, 40.022, 333.648



89, 39.786, 149.174

Rectangle

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



77, 40.022, 333.648



77, 40.022, 23.648



77, 40.022, 153.648



77, 40.022, 203.648

Sweetspot

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



77, 40.019, 333.648



94, 12.213, 332.136



72, 40.774, 301.138



49, 8.495, 332.236



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 40.019, 333.648



78, 50.286, 334.116



76, 30.161, 0.600



47, 7.336, 332.167



41, 75.668, 340.013



9, 33.812, 338.016

Inverse Universe

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



77, 40.019, 333.648



78, 50.286, 334.116



90, 27.356, 174.073



47, 7.336, 332.167



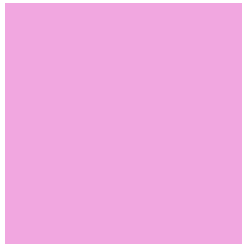
41, 75.668, 340.013



9, 33.812, 338.016

Previews

White Background



This preview shows how the CIELCh color 77, 40.022, 333.648 looks on a white background.

Color Contrast Check

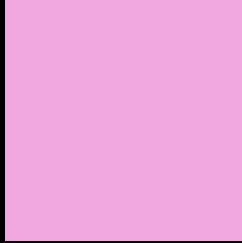
Large Text (above 18pt) WCAG AA × Fail

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 77, 40.022, 333.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

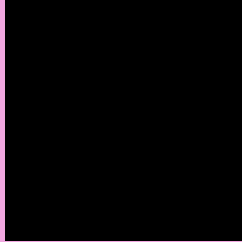
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 40.022, 333.648

Background



This preview shows how black text looks on a background with the CIELCh color 77, 40.022, 333.648.



This preview shows how white text looks on a background with the CIELCh color 77, 40.022, 333.648.

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
77, 24.621, 5.365

Trichromacy



Original Color
77, 40.022, 333.648



Protanomaly
77, 28.917, 306.190



Deuteranomaly
77, 25.491, 319.212



Tritanomaly
77, 29.221, 350.241

Monochromacy



Original Color
77, 40.022, 333.648



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 14.603, 333.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 40.022, 333.648 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(241, 167, 224)` looks like.

```
.text, #text, p{  
    color:rgb(241, 167, 224)  
}
```

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(241, 167, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 167, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 40.022, 333.648 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(241, 167, 224) }
```

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

```
.border{ border-color:rgb(241, 167, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 167, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 167, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 167, 224);  
box-shadow:4px 4px 4px 4px rgb(241, 167,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 40.022, 333.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 167, 224) }
```

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

```
.background{ background-color: rgb(241,  
167, 224) }
```

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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