

Converting Colors

CIELCh(77, 39.790, 347.081)

Have a look what the booklet for
CIELCh(77, 39.790, 347.081)
contains.

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Color

CIELCh(77, 40.102, 346.772)

Conversions

Conversions Part 1

Format	Color
Hex	FCA3D0
RGB	252, 163, 208
RGB Percent	99%, 64%, 82%
CMY	0.0111, 0.3602, 0.1837
CMYK	0.00, 0.35, 0.17, 0.01
HSL	330°, 94%, 81%
HSV	330°, 35%, 99%
XYZ	64.7277, 51.5317, 66.3044
YIQ	194.7410, 38.5990, 32.8630

Conversions

Conversions Part 2

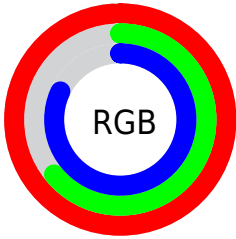
Format	Color
R _Y B	252, 163, 208
Decimal	16557008
CIE Lab	77.00, 39.04, -9.18
CIE LCh	77, 40.102, 346.772
Yxy	51.5317, 0.3545, 0.2823
Android (android.graphics.Color)	4294747088 (0xFFFC A3D0)
YUV	194.7410, 6.5367, 50.2161
Hunter-Lab	71.7856, 35.3253, -4.5130

Details

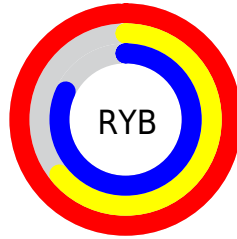
The CIELCh color **77, 40.102, 346.772** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 38.456, 159.936**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **91, 22.540, 325.209**, and **57, 40.034, 346.631** is the 20% darker color. If you saturate the color by 10%, you get **71, 51.164, 348.069**, and if you desaturate by 10%, it is **83, 28.667, 345.649**.

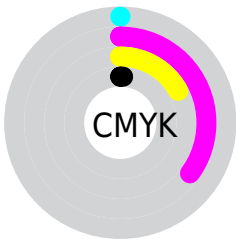
Distribution



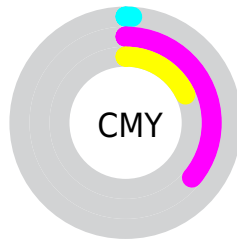
- Red (99%)
- Green (64%)
- Blue (82%)



- Red (99%)
- Yellow (64%)
- Blue (82%)



- Cyan (0%)
- Magenta (35%)
- Yellow (17%)
- Black (1%)



- Cyan (1%)
- Magenta (36%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 40.102, 346.772 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, 40.102, 346.772 by changing the saturation by 10% instead.

 77, 40.102,
346.772

 77, 40.102,
346.772


 100, 40.102,
346.772

 67, 40.102,
346.772


 97, 40.102,
346.772

 57, 40.102,
346.772

 47, 40.102,
346.772

 37, 40.102,
346.772

 27, 40.102,
346.772

 17, 40.102,
346.772

 7, 40.102, 346.772

0, 40.102, 346.772

77, 40.102,
346.772

77, 40.102,
346.772

71, 51.164,
348.069

83, 28.667,
345.649

66, 61.406,
349.601

89, 17.194,
344.649

62, 70.256,
351.461

96, 5.886, 343.708

59, 77.120,
353.775

100, 0.988,
200.013

56, 81.561,
356.704

55, 83.558, 0.408

■ 54, 83.980, 2.376

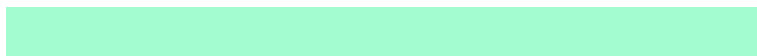
Harmonies

Complementary

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



77, 40.102, 346.772



93, 38.456, 159.936

Rectangle

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



77, 40.102, 346.772



77, 40.102, 36.772



77, 40.102, 166.772



77, 40.102, 216.772

Sweetspot

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



77, 40.099, 346.773



93, 12.417, 344.246



74, 50.315, 310.292



49, 8.356, 344.372



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, 40.099, 346.773



74, 48.014, 347.623



76, 35.582, 21.409



49, 6.301, 344.105



41, 67.635, 1.542



10, 31.118, 355.780

Inverse Universe

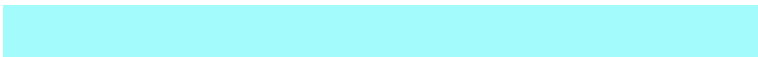
The Inverse Universe completely reimagines the original color for something new.



77, 40.099, 346.773



74, 48.014, 347.623



94, 27.961, 196.093



49, 6.301, 344.105



41, 67.635, 1.542



10, 31.118, 355.780

Previews

White Background



This preview shows how the CIELCh color 77, 40.102, 346.772 looks on a white background.

Color Contrast Check

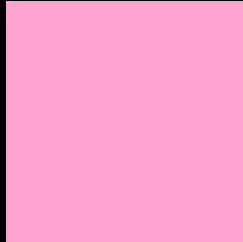
Large Text (above 18pt) WCAG AA × Fail

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, 40.102, 346.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

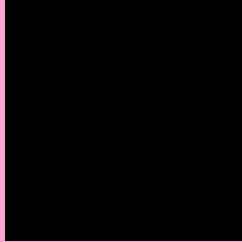
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 40.102, 346.772

Background



This preview shows how black text looks on a background with the CIELCh color 77, 40.102, 346.772.



This preview shows how white text looks on a background with the CIELCh color 77, 40.102, 346.772.

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, 32.009, 10.013

Trichromacy



Original Color
77, 40.102, 346.772



Protanomaly
77, 23.287, 317.050



Deuteranomaly
77, 22.383, 337.442

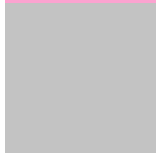


Tritanomaly
77, 34.301, 0.014

Monochromacy



Original Color
77, 40.102, 346.772



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 15.238, 344.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 40.102, 346.772 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(252, 163, 208)` looks like.

```
.text, #text, p{  
    color:rgb(252, 163, 208)  
}
```

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(252, 163, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 163, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 40.102, 346.772 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(252, 163, 208) }
```

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

```
.border{ border-color:rgb(252, 163, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 163, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 163, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 163, 208);  
box-shadow:4px 4px 4px 4px rgb(252, 163,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 40.102, 346.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 163, 208) }
```

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

```
.background{ background-color: rgb(252,  
163, 208) }
```

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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