

Converting Colors

CIELCh(77, 40.748, 334.515)

Have a look what the booklet for
CIELCh(77, 40.748, 334.515)
contains.

CIELCh(77, 40.492, 334.501)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 40.492, 334.501)

Conversions

Conversions Part 1

Format	Color
Hex	F2A6DF
RGB	242, 166, 223
RGB Percent	95%, 65%, 87%
CMY	0.0506, 0.3486, 0.1251
CMYK	0.00, 0.31, 0.08, 0.05
HSL	315°, 75%, 80%
HSV	315°, 31%, 95%
XYZ	63.6347, 51.5317, 76.4703
YIQ	195.2220, 26.9990, 33.8390

Conversions

Conversions Part 2

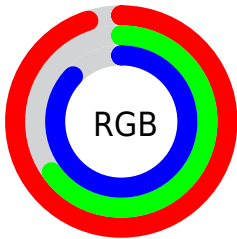
Format	Color
R _Y B	242, 166, 223
Decimal	15902431
CIE Lab	77.00, 36.55, -17.43
CIE LCh	77, 40.492, 334.501
Yxy	51.5317, 0.3321, 0.2689
Android (android.graphics.Color)	4294092511 (0xFFF2A6DF)
YUV	195.2220, 13.6946, 41.0243
Hunter-Lab	71.7856, 32.6074, -12.9093

Details

The CIELCh color **77, 40.492, 334.501** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89, 40.202, 149.829**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 20.651, 325.143**, and **57, 40.536, 334.461** is the 20% darker color. If you saturate the color by 10%, you get **72, 52.954, 335.273**, and if you desaturate by 10%, it is **83, 27.608, 333.769**.

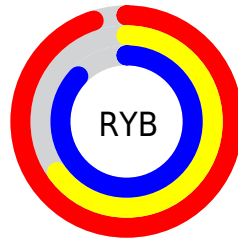
Distribution



Red (95%)

Green (65%)

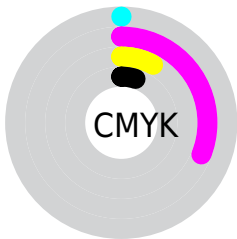
Blue (87%)



Red (95%)

Yellow (65%)

Blue (87%)

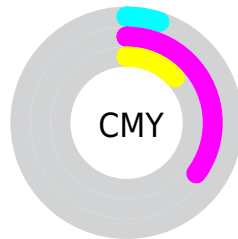


Cyan (0%)

Magenta (31%)

Yellow (8%)

Black (5%)



Cyan (5%)


Magenta (35%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 40.492, 334.501 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, 40.492, 334.501 by changing the saturation by 10% instead.


 77, 40.492,
334.501


 77, 40.492,
334.501


 100, 40.492,
334.501


 67, 40.492,
334.501


 97, 40.492,
334.501

 57, 40.492,
334.501

 47, 40.492,
334.501

 37, 40.492,
334.501

 27, 40.492,
334.501

 17, 40.492,
334.501

 7, 40.492, 334.501

0, 40.492, 334.501

77, 40.492,
334.501

77, 40.492,
334.501

72, 52.954,
335.273

83, 27.608,
333.769

67, 64.555,
336.092

89, 14.633,
333.064

63, 74.732,
336.975

95, 1.781, 332.222

99, 6.005, 158.497

59, 82.866,
337.951

99, 4.552, 188.679

57, 88.416,
339.059

99, 4.450, 199.272

55, 91.113,
340.357

■ 54, 91.498,
341.648

Harmonies

Complementary

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



77, 40.492, 334.501



89, 40.202, 149.829

Rectangle

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



77, 40.492, 334.501



77, 40.492, 24.501



77, 40.492, 154.501



77, 40.492, 204.501

Sweetspot

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



77, 40.489, 334.502



94, 12.037, 332.898



72, 41.998, 302.311



49, 8.373, 333.001



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, 40.489, 334.502



77, 50.890, 335.014



76, 30.663, 3.117



47, 7.230, 332.930



41, 74.585, 341.353



9, 33.379, 339.097

Inverse Universe

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



77, 40.489, 334.502



77, 50.890, 335.014



90, 27.404, 176.437



47, 7.230, 332.930



41, 74.585, 341.353



9, 33.379, 339.097

Previews

White Background



This preview shows how the CIELCh color 77, 40.492, 334.501 looks on a white background.

Color Contrast Check

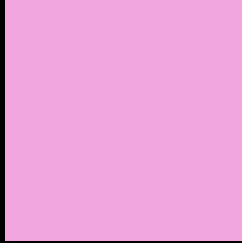
Large Text (above 18pt) WCAG AA × Fail

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, 40.492, 334.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

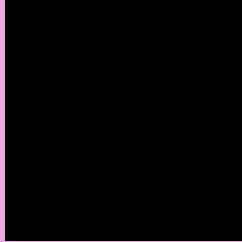
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 40.492, 334.501

Background



This preview shows how black text looks on a background with the CIELCh color 77, 40.492, 334.501.



This preview shows how white text looks on a background with the CIELCh color 77, 40.492, 334.501.

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, 25.395, 5.958

Trichromacy



Original Color
77, 40.492, 334.501



Protanomaly
77, 28.917, 306.190



Deuteranomaly
77, 25.023, 319.781

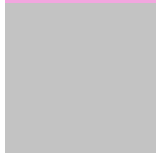


Tritanomaly
77, 29.882, 351.110

Monochromacy



Original Color
77, 40.492, 334.501



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 15.249, 333.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 40.492, 334.501 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(242, 166, 223)` looks like.

```
.text, #text, p{  
    color:rgb(242, 166, 223)  
}
```

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(242, 166, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 166, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 40.492, 334.501 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(242, 166, 223) }
```

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

```
.border{ border-color:rgb(242, 166, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 166, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 166, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 166, 223);  
box-shadow:4px 4px 4px 4px rgb(242, 166,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 40.492, 334.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 166, 223) }
```

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

```
.background{ background-color: rgb(242,  
166, 223) }
```

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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