

Converting Colors

CIELCh(77, 43.151, 337.598)

Have a look what the booklet for
CIELCh(77, 43.151, 337.598)
contains.

CIELCh(77, 42.994, 337.611)	3
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Color

CIELCh(77, 42.994, 337.611)

Conversions

Conversions Part 1

Format	Color
Hex	F8A3DD
RGB	248, 163, 221
RGB Percent	97%, 64%, 87%
CMY	0.0263, 0.3597, 0.1323
CMYK	0.00, 0.34, 0.11, 0.03
HSL	319°, 86%, 81%
HSV	319°, 34%, 97%
XYZ	65.0439, 51.5317, 75.1163
YIQ	195.0270, 32.0420, 36.0580

Conversions

Conversions Part 2

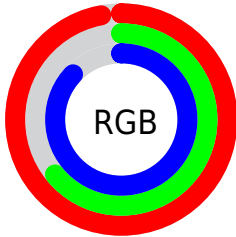
Format	Color
R_{YB}	248, 163, 221
Decimal	16294877
CIE _{Lab}	77.00, 39.75, -16.38
CIE _{LCh}	77, 42.994, 337.611
Yxy	51.5317, 0.3393, 0.2688
Android (android.graphics.Color)	4294484957 (0xFFFF8A3DD)
YUV	195.0270, 12.8047, 46.4573
Hunter-Lab	71.7856, 36.1114, -11.7910

Details

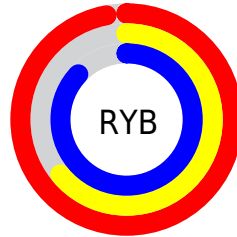
The CIELCh color $77, 42.994, 337.611$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $91, 42.435, 152.080$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $91, 22.540, 325.209$, and $57, 42.783, 337.444$ is the 20% darker color. If you saturate the color by 10%, you get $72, 55.007, 338.514$, and if you desaturate by 10%, it is $83, 30.481, 336.780$.

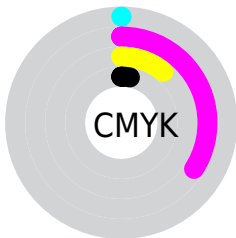
Distribution



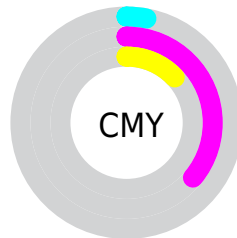
- Red (97%)
- Green (64%)
- Blue (87%)



- Red (97%)
- Yellow (64%)
- Blue (87%)



- Cyan (0%)
- Magenta (34%)
- Yellow (11%)
- Black (3%)





- Cyan (3%)
- Magenta (36%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 42.994, 337.611 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, 42.994, 337.611 by changing the saturation by 10% instead.


 77, 42.994,
337.611


 77, 42.994,
337.611


 100, 42.994,
337.611


 67, 42.994,
337.611


 97, 42.994,
337.611

 57, 42.994,
337.611

 47, 42.994,
337.611

 37, 42.994,
337.611

 27, 42.994,
337.611

 17, 42.994,
337.611

 7, 42.994, 337.611

■ 0, 42.994, 337.611

■ 77, 42.994,
337.611

■ 77, 42.994,
337.611

■ 72, 55.007,
338.514

■ 83, 30.481,
336.780

■ 67, 66.048,
339.509

■ 89, 17.828,
336.001

■ 63, 75.521,
340.633

■ 95, 5.269, 335.227

■ 59, 82.799,
341.938

■ 99, 2.594, 174.332

■ 57, 87.383,
343.500

■ 100, 2.328,
199.542

■ 55, 89.117,
345.406

■ 55, 89.153,
346.658

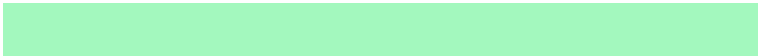
Harmonies

Complementary

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



77, 42.994, 337.611



91, 42.435, 152.080

Rectangle

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



77, 42.994, 337.611



77, 42.994, 27.611



77, 42.994, 157.611



77, 42.994, 207.611

Sweetspot

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



77, 42.991, 337.612



94, 12.753, 335.681



72, 47.248, 304.765



49, 8.710, 335.788



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, 42.991, 337.612



75, 52.310, 338.218



76, 33.834, 8.547



49, 7.129, 335.642



42, 72.781, 346.247



10, 33.783, 343.300

Inverse Universe

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



77, 42.991, 337.612



75, 52.310, 338.218



92, 29.022, 181.340



49, 7.129, 335.642



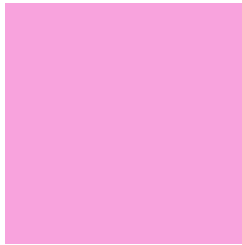
42, 72.781, 346.247



10, 33.783, 343.300

Previews

White Background



This preview shows how the CIELCh color 77, 42.994, 337.611 looks on a white background.

Color Contrast Check

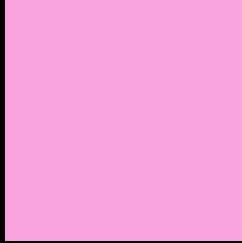
Large Text (above 18pt) WCAG AA × Fail

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, 42.994, 337.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

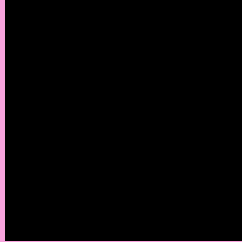
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 42.994, 337.611

Background



This preview shows how black text looks on a background with the CIELCh color 77, 42.994, 337.611.



This preview shows how white text looks on a background with the CIELCh color 77, 42.994, 337.611.

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, 29.265, 8.517

Trichromacy



Original Color
77, 42.994, 337.611



Protanomaly
77, 29.285, 308.830



Deuteranomaly
77, 25.720, 322.687

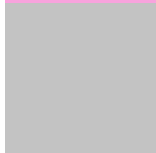


Tritanomaly
77, 32.864, 354.621

Monochromacy



Original Color
77, 42.994, 337.611



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 16.391, 334.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 42.994, 337.611 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(248, 163, 221)` looks like.

```
.text, #text, p{  
    color:rgb(248, 163, 221)  
}
```

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(248, 163, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 163, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 42.994, 337.611 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(248, 163, 221) }
```

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

```
.border{ border-color:rgb(248, 163, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 163, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 163, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 163, 221);  
box-shadow:4px 4px 4px 4px rgb(248, 163,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 42.994, 337.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 163, 221) }
```

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

```
.background{ background-color: rgb(248,  
163, 221) }
```

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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