

Converting Colors

CIELCh(83, 58.479, 2.125)

Have a look what the booklet for
CIELCh(83, 58.479, 2.125) contains.

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Color

CIELCh(77, 41.936, 348.904)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1CE
RGB	255, 161, 206
RGB Percent	100%, 63%, 81%
CMY	0.0000, 0.3678, 0.1913
CMYK	0.00, 0.37, 0.19, 0.00
HSL	331°, 100%, 82%
HSV	331°, 37%, 100%
XYZ	65.6654, 51.5317, 65.0155
YIQ	194.2360, 41.5790, 33.9230

Conversions

Conversions Part 2

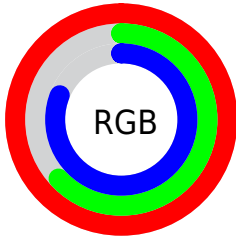
Format	Color
R _Y B	255, 161, 206
Decimal	16753102
CIE Lab	77.00, 41.15, -8.07
CIE LCh	77, 41.936, 348.904
Yxy	51.5317, 0.3604, 0.2828
Android (android.graphics.Color)	4294943182 (0xFFFFA1CE)
YUV	194.2360, 5.7997, 53.2900
Hunter-Lab	71.7856, 37.6569, -3.4484

Details

The CIELCh color **77, 41.936, 348.904** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 39.538, 161.099**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **91, 23.800, 325.253**, and **57, 41.544, 348.634** is the 20% darker color. If you saturate the color by 10%, you get **71, 52.524, 349.859**, and if you desaturate by 10%, it is **83, 30.181, 347.274**.

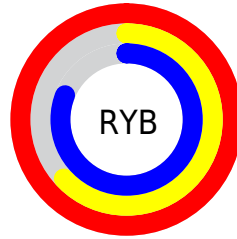
Distribution



Red (100%)

Green (63%)

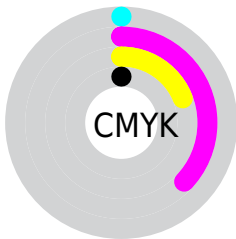
Blue (81%)



Red (100%)

Yellow (63%)

Blue (81%)

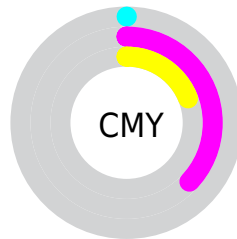


Cyan (0%)

Magenta (37%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 41.936, 348.904 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, 41.936, 348.904 by changing the saturation by 10% instead.

 77, 41.936,
348.904

 77, 41.936,
348.904


 100, 41.936,
348.904

 67, 41.936,
348.904


 97, 41.936,
348.904

 57, 41.936,
348.904

 47, 41.936,
348.904

 37, 41.936,
348.904

 27, 41.936,
348.904

 17, 41.936,
348.904

 7, 41.936, 348.904

0, 41.936, 348.904

77, 41.936,
348.904

77, 41.936,
348.904

71, 52.524,
349.859

83, 30.181,
347.274

66, 62.629,
351.521

89, 18.754,
346.223

62, 71.288,
353.561

96, 7.489, 345.257

59, 77.922,
356.122

100, 0.012,
296.813

56, 82.154,
359.375

55, 84.073, 3.472

■ 55, 84.467, 4.911

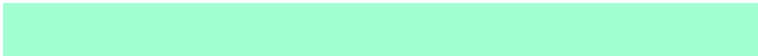
Harmonies

Complementary

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



77, 41.936, 348.904



93, 39.538, 161.099

Rectangle

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



77, 41.936, 348.904



77, 41.936, 38.904



77, 41.936, 168.904



77, 41.936, 218.904

Sweetspot

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



77, 41.551, 348.468



93, 12.209, 345.661



74, 53.226, 311.457



49, 8.217, 345.790



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, 41.551, 348.468



73, 49.534, 349.448



76, 37.193, 24.037



50, 6.298, 345.518



41, 68.079, 4.039



10, 31.694, 358.130

Inverse Universe

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



77, 41.551, 348.468



73, 49.534, 349.448



94, 28.572, 199.286



50, 6.298, 345.518



41, 68.079, 4.039



10, 31.694, 358.130

Previews

White Background



This preview shows how the CIELCh color 77, 41.936, 348.904 looks on a white background.

Color Contrast Check

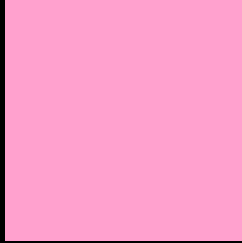
Large Text (above 18pt) WCAG AA × Fail

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, 41.936, 348.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

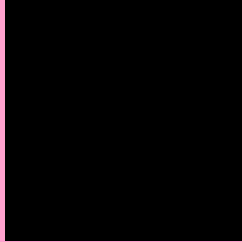
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 41.936, 348.904

Background



This preview shows how black text looks on a background with the CIELCh color 77, 41.936, 348.904.



This preview shows how white text looks on a background with the CIELCh color 77, 41.936, 348.904.

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, 34.004, 10.980

Trichromacy



Original Color
77, 41.612, 348.549



Protanomaly
77, 23.611, 318.654



Deuteranomaly
77, 22.594, 339.839

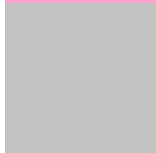


Tritanomaly
77, 36.131, 1.463

Monochromacy



Original Color
77, 41.612, 348.549



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 15.262, 346.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 41.936, 348.904 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(255, 161, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 206)  
}
```

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(255, 161, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 41.936, 348.904 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(255, 161, 206) }
```

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

```
.border{ border-color:rgb(255, 161, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 41.936, 348.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 206) }
```

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

```
.background{ background-color: rgb(255,  
161, 206) }
```

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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