

Converting Colors

CIELCh(91, 77.824, 10.305)

Have a look what the booklet for
CIELCh(91, 77.824, 10.305) contains.

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Color

CIELCh(77, 41.612, 348.549)

Conversions

Conversions Part 1

Format	Color
Hex	FFA2CF
RGB	255, 162, 207
RGB Percent	100%, 64%, 81%
CMY	0.0000, 0.3665, 0.1900
CMYK	0.00, 0.37, 0.19, 0.00
HSL	331°, 100%, 82%
HSV	331°, 37%, 100%
XYZ	65.5014, 51.5317, 65.2363
YIQ	194.9370, 40.9830, 33.7110

Conversions

Conversions Part 2

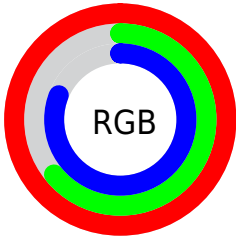
Format	Color
R_{YB}	255, 162, 207
Decimal	16753359
CIE _{Lab}	77.00, 40.78, -8.26
CIE _{LCh}	77, 41.612, 348.549
Yxy	51.5317, 0.3594, 0.2827
Android (android.graphics.Color)	4294943439 (0xFFFFA2CF)
YUV	194.9370, 5.9471, 52.6753
Hunter-Lab	71.7856, 37.2490, -3.6308

Details

The CIELCh color **77, 41.612, 348.549** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 39.453, 161.027**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **91, 23.170, 325.231**, and **57, 41.221, 348.225** is the 20% darker color. If you saturate the color by 10%, you get **71, 52.425, 349.736**, and if you desaturate by 10%, it is **83, 30.057, 347.163**.

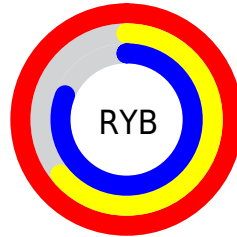
Distribution



Red (100%)

Green (64%)

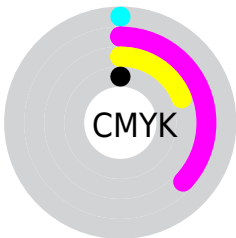
Blue (81%)



Red (100%)

Yellow (64%)

Blue (81%)

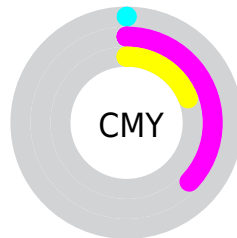


Cyan (0%)

Magenta (37%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (37%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 41.612, 348.549 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, 41.612, 348.549 by changing the saturation by 10% instead.


 77, 41.612,
348.549


 77, 41.612,
348.549


 100, 41.612,
348.549

 67, 41.612,
348.549


 97, 41.612,
348.549

 57, 41.612,
348.549

 47, 41.612,
348.549

 37, 41.612,
348.549

 27, 41.612,
348.549

 17, 41.612,
348.549

 7, 41.612, 348.549

0, 41.612, 348.549

77, 41.612,
348.549

77, 41.612,
348.549

71, 52.425,
349.736

83, 30.057,
347.163

66, 62.549,
351.388

89, 18.621,
346.116

62, 71.231,
353.415

96, 7.348, 345.152

59, 77.891,
355.957

100, 0.012,
296.813

56, 82.146,
359.186

55, 84.074, 3.256

■ 55, 84.476, 4.749

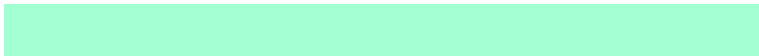
Harmonies

Complementary

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



77, 41.612, 348.549



93, 39.453, 161.027

Rectangle

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



77, 41.612, 348.549



77, 41.612, 38.549



77, 41.612, 168.549



77, 41.612, 218.549

Sweetspot

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



77, 41.438, 348.352



93, 12.222, 345.568



74, 53.025, 311.450



49, 8.226, 345.698



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, 41.438, 348.352



73, 49.576, 349.347



76, 37.039, 24.018



50, 6.305, 345.426



41, 68.089, 3.880



10, 31.707, 357.996

Inverse Universe

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



77, 41.438, 348.352



73, 49.576, 349.347



94, 28.485, 199.290



50, 6.305, 345.426



41, 68.089, 3.880



10, 31.707, 357.996

Previews

White Background



This preview shows how the CIELCh color 77, 41.612, 348.549 looks on a white background.

Color Contrast Check

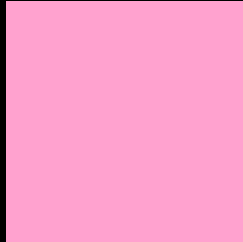
Large Text (above 18pt) WCAG AA × Fail

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, 41.612, 348.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

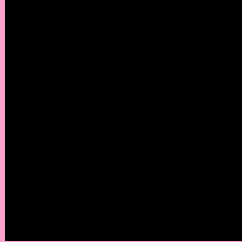
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 41.612, 348.549

Background



This preview shows how black text looks on a background with the CIELCh color 77, 41.612, 348.549.



This preview shows how white text looks on a background with the CIELCh color 77, 41.612, 348.549.

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, 33.553, 11.680

Trichromacy



Original Color
77, 41.289, 348.192



Protanomaly
77, 23.611, 318.654



Deuteranomaly
77, 22.594, 339.839

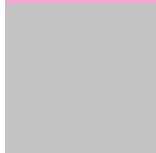


Tritanomaly
77, 35.620, 1.992

Monochromacy



Original Color
77, 41.289, 348.192



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 15.248, 346.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 41.612, 348.549 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, 162, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 207)  
}
```

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, 162, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 41.612, 348.549 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, 162, 207) }
```

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

```
.border{ border-color:rgb(255, 162, 207) }
```

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

Here you see how a box with a 4 pixel rgb(255, 162, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 41.612, 348.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 207) }
```

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

```
.background{ background-color: rgb(255,  
162, 207) }
```

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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