

Converting Colors

CIELCh(77, 39.066, 355.053)

Have a look what the booklet for
CIELCh(77, 39.066, 355.053)
contains.

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Color

CIELCh(77, 38.758, 354.674)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3C6
RGB	255, 163, 198
RGB Percent	100%, 64%, 78%
CMY	0.0000, 0.3608, 0.2235
CMYK	0.00, 0.36, 0.22, 0.00
HSL	337°, 100%, 82%
HSV	337°, 36%, 100%
XYZ	64.5305, 51.5317, 59.9714
YIQ	194.4980, 43.5970, 30.3890

Conversions

Conversions Part 2

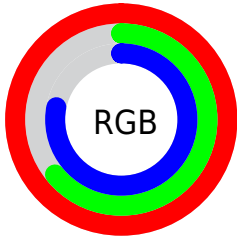
Format	Color
R_{YB}	255, 163, 198
Decimal	16753606
CIE _{Lab}	77.00, 38.59, -3.60
CIE _{LCh}	77, 38.758, 354.674
Yxy	51.5317, 0.3666, 0.2927
Android (android.graphics.Color)	4294943686 (0xFFFFA3C6)
YUV	194.4980, 1.7265, 53.0603
Hunter-Lab	71.7856, 34.8348, 0.7177

Details

The CIELCh color **77, 38.758, 354.674** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 35.831, 166.937**, 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, 38.674, 355.131** is the 20% darker color. If you saturate the color by 10%, you get **71, 49.498, 356.282**, and if you desaturate by 10%, it is **83, 27.795, 353.326**.

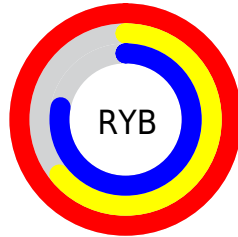
Distribution



Red (100%)

Green (64%)

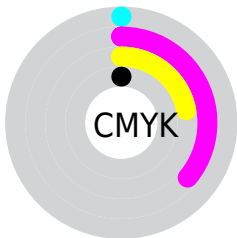
Blue (78%)



Red (100%)

Yellow (64%)

Blue (78%)

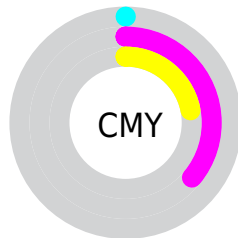


Cyan (0%)

Magenta (36%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 38.758, 354.674 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, 38.758, 354.674 by changing the saturation by 10% instead.

 77, 38.758,
354.674

 77, 38.758,
354.674


 100, 38.758,
354.674

 67, 38.758,
354.674


 97, 38.758,
354.674

 57, 38.758,
354.674

 47, 38.758,
354.674

 37, 38.758,
354.674

 27, 38.758,
354.674

 17, 38.758,
354.674

 7, 38.758, 354.674

0, 38.758, 354.674

77, 38.758,
354.674

77, 38.758,
354.674

71, 49.498,
356.282

83, 27.795,
353.326

66, 59.602,
358.243

89, 16.912,
352.163

62, 68.542, 0.692

96, 6.289, 351.105

58, 75.787, 3.799

100, 0.012,
296.813

56, 81.012, 7.749

55, 84.341, 12.659

54, 85.428, 14.747

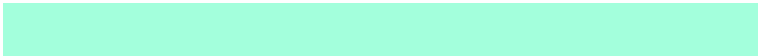
Harmonies

Complementary

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



77, 38.758, 354.674



94, 35.831, 166.937

Rectangle

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



77, 38.758, 354.674



77, 38.758, 44.674



77, 38.758, 174.674



77, 38.758, 224.674

Sweetspot

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



77, 38.754, 354.676



93, 11.480, 351.622



75, 52.964, 314.643



49, 7.730, 351.764



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, 38.754, 354.676



73, 46.239, 355.755



79, 33.464, 31.762



50, 5.919, 351.466



41, 68.613, 13.709



10, 31.282, 6.462

Inverse Universe

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



77, 38.754, 354.676



73, 46.239, 355.755



92, 25.618, 210.519



50, 5.919, 351.466



41, 68.613, 13.709



10, 31.282, 6.462

Previews

White Background



This preview shows how the CIELCh color 77, 38.758, 354.674 looks on a white background.

Color Contrast Check

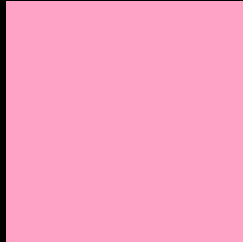
Large Text (above 18pt) WCAG AA × Fail

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, 38.758, 354.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

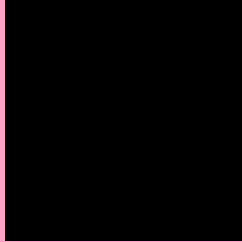
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 38.758, 354.674

Background



This preview shows how black text looks on a background with the CIELCh color 77, 38.758, 354.674.



This preview shows how white text looks on a background with the CIELCh color 77, 38.758, 354.674.

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



Original Color
77, 38.758, 354.674

Protanopia
77, 13.435, 288.440

Deuteranopia
77, 9.518, 349.776



Tritanopia
77, 34.390, 11.155

Trichromacy



Original Color
77, 38.758, 354.674

Protanomaly
77, 19.049, 328.917

Deuteranomaly
77, 20.033, 352.531

Tritanomaly
77, 35.665, 4.735

Monochromacy



Original Color
77, 38.758, 354.674

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 14.464, 351.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 38.758, 354.674 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, 163, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 198)  
}
```

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, 163, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 38.758, 354.674 is called "border". The border property can be set on classes, ids or directly on the HTML element.

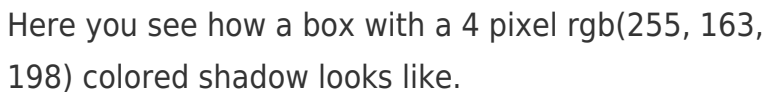
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 163, 198) }
```

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

```
.border{ border-color:rgb(255, 163, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 163, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 163, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 163, 198); box-shadow:4px 4px 4px 4px rgb(255, 163, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 38.758, 354.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 198) }
```

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

```
.background{ background-color: rgb(255,  
163, 198) }
```

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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