

Converting Colors

CIELCh(77, 39.939, 349.454)

Have a look what the booklet for
CIELCh(77, 39.939, 349.454)
contains.

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Color

CIELCh(77, 39.939, 349.454)

Conversions

Conversions Part 1

Format	Color
Hex	FEA3CD
RGB	254, 163, 205
RGB Percent	100%, 64%, 80%
CMY	0.0049, 0.3617, 0.1970
CMYK	0.00, 0.36, 0.19, 0.00
HSL	332°, 97%, 82%
HSV	332°, 36%, 100%
XYZ	64.8277, 51.5317, 64.1382
YIQ	194.9970, 40.7540, 32.3540

Conversions

Conversions Part 2

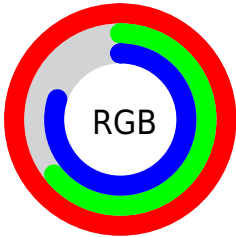
Format	Color
RYB	254, 163, 205
Decimal	16688077
CIELab	77.00, 39.26, -7.31
CIELCh	77, 39.939, 349.454
Yxy	51.5317, 0.3592, 0.2855
Android (android.graphics.Color)	4294878157 (0xFFFEA3CD)
YUV	194.9970, 4.9315, 51.7456
Hunter-Lab	71.7856, 35.5739, -2.7238

Details

The CIELCh color **77, 39.939, 349.454** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 37.863, 162.208**, 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, 39.853, 349.528** is the 20% darker color. If you saturate the color by 10%, you get **71, 50.854, 350.869**, and if you desaturate by 10%, it is **83, 28.685, 348.245**.

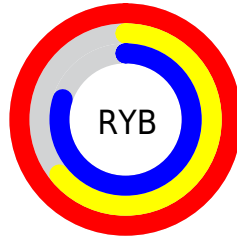
Distribution



Red (100%)

Green (64%)

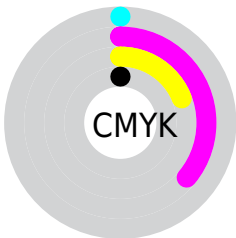
Blue (80%)



Red (100%)

Yellow (64%)

Blue (80%)

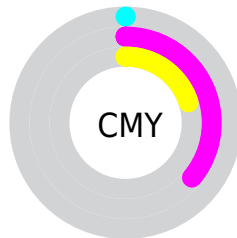


Cyan (0%)

Magenta (36%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 39.939, 349.454 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, 39.939, 349.454 by changing the saturation by 10% instead.


 77, 39.939,
349.454


 77, 39.939,
349.454

 100, 39.939,
349.454


 67, 39.939,
349.454


 97, 39.939,
349.454

 57, 39.939,
349.454

 47, 39.939,
349.454

 37, 39.939,
349.454

 27, 39.939,
349.454

 17, 39.939,
349.454

 7, 39.939, 349.454

0, 39.939, 349.454

77, 39.939,
349.454

77, 39.939,
349.454

71, 50.854,
350.869

83, 28.685,
348.245

66, 60.990,
352.561

89, 17.422,
347.182

62, 69.782,
354.642

96, 6.349, 346.199

59, 76.656,
357.257

100, 0.435,
200.902

56, 81.217, 0.583

55, 83.510, 4.777

54, 84.108, 6.708

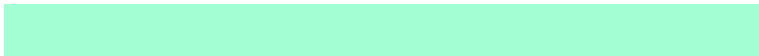
Harmonies

Complementary

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



77, 39.939, 349.454



93, 37.863, 162.208

Rectangle

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



77, 39.939, 349.454



77, 39.939, 39.454



77, 39.939, 169.454



77, 39.939, 219.454

Sweetspot

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



77, 39.936, 349.455



93, 12.064, 346.704



74, 51.749, 311.947



49, 8.121, 346.836



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, 39.936, 349.455



73, 47.989, 350.443



77, 35.458, 25.115



50, 6.223, 346.558



41, 68.006, 5.813



10, 31.560, 359.629

Inverse Universe

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



77, 39.936, 349.455



73, 47.989, 350.443



93, 27.381, 201.029



50, 6.223, 346.558



41, 68.006, 5.813



10, 31.560, 359.629

Previews

White Background



This preview shows how the CIELCh color 77, 39.939, 349.454 looks on a white background.

Color Contrast Check

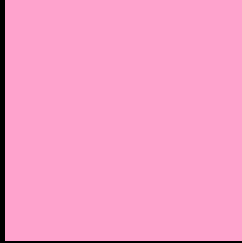
Large Text (above 18pt) WCAG AA × Fail

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, 39.939, 349.454 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, 39.939, 349.454

Background



This preview shows how black text looks on a background with the CIELCh color 77, 39.939, 349.454.



This preview shows how white text looks on a background with the CIELCh color 77, 39.939, 349.454.

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, 33.197, 10.599

Trichromacy



Original Color
77, 39.939, 349.454



Protanomaly
77, 22.379, 321.378



Deuteranomaly
77, 21.321, 342.445



Tritanomaly
77, 35.263, 1.723

Monochromacy



Original Color
77, 39.939, 349.454



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 14.940, 345.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 39.939, 349.454 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(254, 163, 205)` looks like.

```
.text, #text, p{  
    color:rgb(254, 163, 205)  
}
```

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(254, 163, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 163, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 39.939, 349.454 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(254, 163, 205) }
```

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

```
.border{ border-color:rgb(254, 163, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 163, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 163, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 163, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 163,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 39.939, 349.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 163, 205) }
```

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

```
.background{ background-color: rgb(254,  
163, 205) }
```

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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