

Converting Colors

CIELCh(79, 54.964, 338.108)

Have a look what the booklet for
CIELCh(79, 54.964, 338.108)
contains.

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Color

CIELCh(77, 51.884, 333.328)

Conversions

Conversions Part 1

Format	Color
Hex	FE9EEA
RGB	254, 158, 234
RGB Percent	100%, 62%, 92%
CMY	0.0036, 0.3798, 0.0819
CMYK	0.00, 0.38, 0.08, 0.00
HSL	312°, 98%, 81%
HSV	312°, 38%, 100%
XYZ	68.0154, 51.5317, 84.2818
YIQ	195.3680, 32.8200, 43.9880

Conversions

Conversions Part 2

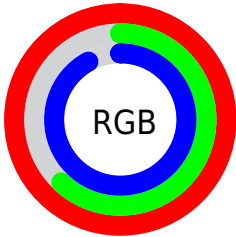
Format	Color
R _Y B	254, 158, 234
Decimal	16686826
CIE Lab	77.00, 46.36, -23.29
CIE LCh	77, 51.884, 333.328
Yxy	51.5317, 0.3337, 0.2528
Android (android.graphics.Color)	4294876906 (0xFFFE9EEA)
YUV	195.3680, 19.0456, 51.4203
Hunter-Lab	71.7856, 43.5002, -19.3611

Details

The CIELCh color **77, 51.884, 333.328** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 51.689, 147.700**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **90, 25.689, 325.319**, and **57, 52.065, 333.453** is the 20% darker color. If you saturate the color by 10%, you get **72, 64.652, 334.060**, and if you desaturate by 10%, it is **83, 38.358, 332.623**.

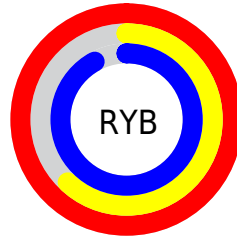
Distribution



Red (100%)

Green (62%)

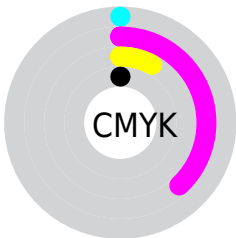
Blue (92%)



Red (100%)

Yellow (62%)

Blue (92%)

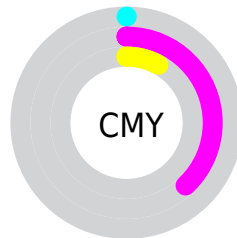


Cyan (0%)

Magenta (38%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 51.884, 333.328 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, 51.884, 333.328 by changing the saturation by 10% instead.


 77, 51.884,
333.328


 77, 51.884,
333.328


 100, 51.884,
333.328


 67, 51.884,
333.328


 97, 51.884,
333.328

 57, 51.884,
333.328

 47, 51.884,
333.328

 37, 51.884,
333.328

 27, 51.884,
333.328

 17, 51.884,
333.328

 7, 51.884, 333.328

0, 51.884, 333.328

77, 51.884,
333.328

77, 51.884,
333.328

72, 64.652,
334.060

83, 38.358,
332.623

67, 76.116,
334.824

89, 24.512,
331.940

63, 85.636,
335.635

95, 10.646,
331.268

61, 92.602,
336.516

100, 0.323,
201.440

59, 96.619,
337.504

58, 97.750,
338.641

■ 57, 97.802,
338.910

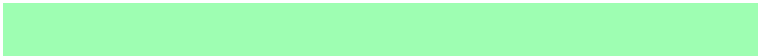
Harmonies

Complementary

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



77, 51.884, 333.328



92, 51.689, 147.700

Rectangle

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



77, 51.884, 333.328



77, 51.884, 23.328



77, 51.884, 153.328



77, 51.884, 203.328

Sweetspot

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



77, 51.881, 333.328



93, 15.178, 331.487



70, 52.983, 301.350



49, 10.207, 331.578



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, 51.881, 333.328



73, 61.418, 333.856



76, 39.247, 0.506



50, 7.837, 331.387



43, 79.200, 338.687



11, 37.123, 337.172

Inverse Universe

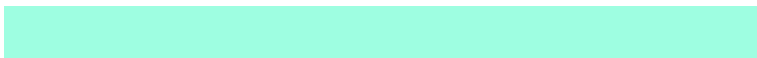
The Inverse Universe completely reimagines the original color for something new.



77, 51.881, 333.328



73, 61.418, 333.856



93, 35.010, 172.058



50, 7.837, 331.387



43, 79.200, 338.687



11, 37.123, 337.172

Previews

White Background



This preview shows how the CIELCh color 77, 51.884, 333.328 looks on a white background.

Color Contrast Check

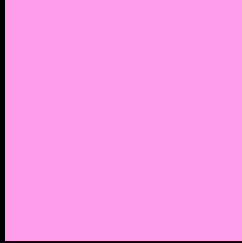
Large Text (above 18pt) WCAG AA × Fail

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, 51.884, 333.328 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, 51.884, 333.328

Background



This preview shows how black text looks on a background with the CIELCh color 77, 51.884, 333.328.



This preview shows how white text looks on a background with the CIELCh color 77, 51.884, 333.328.

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, 51.915, 333.339

Protanopia
77, 36.134, 285.575

Deuteranopia
77, 23.196, 295.608



Tritanopia
77, 31.164, 10.564

Trichromacy



Original Color
77, 51.915, 333.339



Protanomaly
77, 38.738, 305.662



Deuteranomaly
77, 32.338, 315.881



Tritanomaly
77, 36.448, 352.325

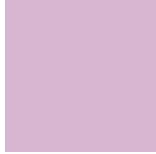
Monochromacy



Original Color
77, 51.915, 333.339



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 19.062, 331.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 51.884, 333.328 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, 158, 234)` looks like.

```
.text, #text, p{  
    color:rgb(254, 158, 234)  
}
```

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, 158, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 158, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 51.884, 333.328 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, 158, 234) }
```

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

```
.border{ border-color:rgb(254, 158, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 158, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 158, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 158, 234);  
box-shadow:4px 4px 4px 4px rgb(254, 158,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 51.884, 333.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 158, 234) }
```

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

```
.background{ background-color: rgb(254,  
158, 234) }
```

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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