

Converting Colors

CIELCh(77, 54.173, 331.496)

Have a look what the booklet for
CIELCh(77, 54.173, 331.496)
contains.

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Color

CIELCh(77, 54.389, 331.379)

Conversions

Conversions Part 1

Format	Color
Hex	FE9DEF
RGB	254, 157, 239
RGB Percent	100%, 62%, 94%
CMY	0.0031, 0.3835, 0.0620
CMYK	0.00, 0.38, 0.06, 0.00
HSL	309°, 98%, 81%
HSV	309°, 38%, 100%
XYZ	68.6469, 51.5317, 88.1441
YIQ	195.3510, 31.4900, 46.0660

Conversions

Conversions Part 2

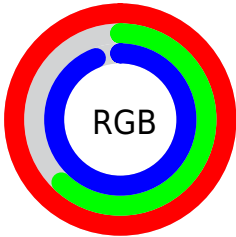
Format	Color
RYB	254, 157, 239
Decimal	16686575
CIELab	77.00, 47.74, -26.05
CIELCh	77, 54.389, 331.379
Yxy	51.5317, 0.3295, 0.2474
Android (android.graphics.Color)	4294876655 (0xFFFE9DEF)
YUV	195.3510, 21.5190, 51.4352
Hunter-Lab	71.7856, 45.0706, -22.5510

Details

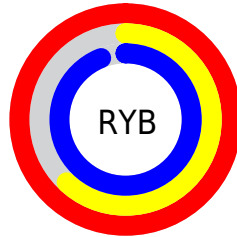
The CIELCh color **77, 54.389, 331.379** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 54.338, 145.923**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **90, 26.319, 325.341**, and **57, 54.600, 331.396** is the 20% darker color. If you saturate the color by 10%, you get **72, 67.563, 332.031**, and if you desaturate by 10%, it is **83, 40.398, 330.733**.

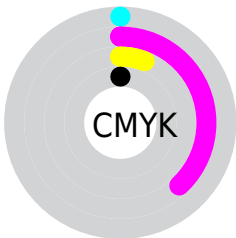
Distribution



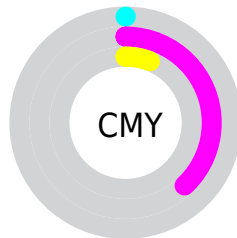
- Red (100%)
- Green (62%)
- Blue (94%)



- Red (100%)
- Yellow (62%)
- Blue (94%)



- Cyan (0%)
- Magenta (38%)
- Yellow (6%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 54.389, 331.379 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, 54.389, 331.379 by changing the saturation by 10% instead.


 77, 54.389,
331.379

 77, 54.389,
331.379


 100, 54.389,
331.379


 67, 54.389,
331.379


 97, 54.389,
331.379

 57, 54.389,
331.379

 47, 54.389,
331.379

 37, 54.389,
331.379

 27, 54.389,
331.379

 17, 54.389,
331.379

 7, 54.389, 331.379

0, 54.389, 331.379

77, 54.389,
331.379

77, 54.389,
331.379

72, 67.563,
332.031

83, 40.398,
330.733

67, 79.362,
332.686

88, 26.045,
330.094

64, 89.144,
333.349

95, 11.646,
329.458

61, 96.315,
334.031

100, 0.277,
194.388

59, 100.506,
334.753

100, 0.275,
201.797

58, 101.836,
335.542

■ 58,101.929,
335.691

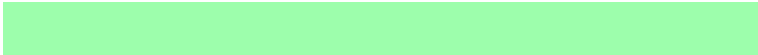
Harmonies

Complementary

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



77, 54.389, 331.379



92, 54.338, 145.923

Rectangle

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



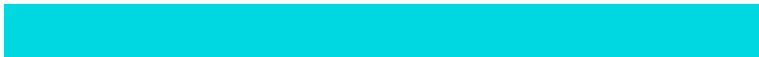
77, 54.389, 331.379



77, 54.389, 21.379



77, 54.389, 151.379



77, 54.389, 201.379

Sweetspot

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



77, 54.386, 331.379



93, 15.762, 329.640



70, 53.507, 299.837



49, 10.599, 329.726



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, 54.386, 331.379



73, 64.972, 331.890



75, 40.410, 357.054



50, 8.139, 329.545



44, 82.461, 335.543



12, 38.485, 334.529

Inverse Universe

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



77, 54.386, 331.379



73, 64.972, 331.890



93, 36.768, 168.619



50, 8.139, 329.545



44, 82.461, 335.543



12, 38.485, 334.529

Previews

White Background



This preview shows how the CIELCh color 77, 54.389, 331.379 looks on a white background.

Color Contrast Check

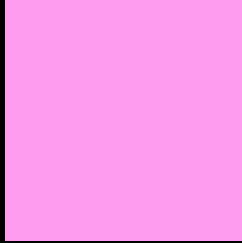
Large Text (above 18pt) WCAG AA × Fail

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, 54.389, 331.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

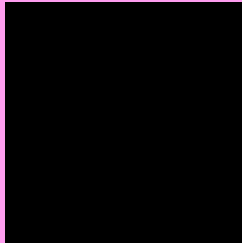
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 54.389, 331.379

Background



This preview shows how black text looks on a background with the CIELCh color 77, 54.389, 331.379.

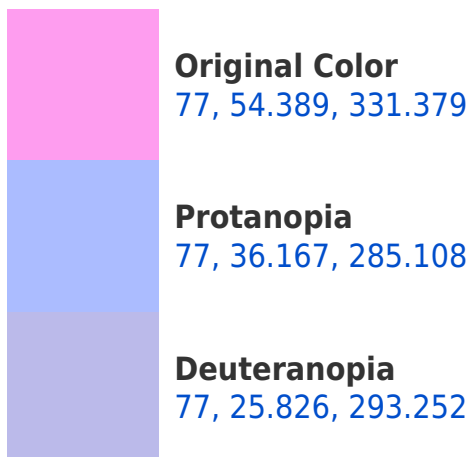


This preview shows how white text looks on a background with the CIELCh color 77, 54.389, 331.379.

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, 30.825, 9.394

Trichromacy



Original Color
77, 54.389, 331.379



Protanomaly
76, 39.715, 304.901



Deuteranomaly
77, 34.548, 313.056



Tritanomaly
77, 37.119, 350.102

Monochromacy



Original Color
77, 54.389, 331.379



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 20.496, 329.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 54.389, 331.379 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, 157, 239)` looks like.

```
.text, #text, p{  
    color:rgb(254, 157, 239)  
}
```

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, 157, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 157, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 54.389, 331.379 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, 157, 239) }
```

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

```
.border{ border-color:rgb(254, 157, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 157, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 157, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 157, 239);  
box-shadow:4px 4px 4px 4px rgb(254, 157,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 54.389, 331.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 157, 239) }
```

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

```
.background{ background-color: rgb(254,  
157, 239) }
```

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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