

Converting Colors

CIELCh(77, 58.319, 329.633)

Have a look what the booklet for
CIELCh(77, 58.319, 329.633)
contains.

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Color

CIELCh(77, 58.473, 329.256)

Conversions

Conversions Part 1

Format	Color
Hex	FF9BF6
RGB	255, 155, 246
RGB Percent	100%, 61%, 96%
CMY	0.0000, 0.3910, 0.0341
CMYK	0.00, 0.39, 0.03, 0.00
HSL	305°, 100%, 80%
HSV	305°, 39%, 100%
XYZ	69.8066, 51.5317, 93.7025
YIQ	195.2740, 30.3890, 49.5010

Conversions

Conversions Part 2

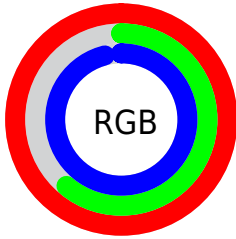
Format	Color
RYB	255, 155, 246
Decimal	16751606
CIELab	77.00, 50.26, -29.89
CIELCh	77, 58.473, 329.256
Yxy	51.5317, 0.3246, 0.2396
Android (android.graphics.Color)	4294941686 (0xFFFF9BF6)
YUV	195.2740, 25.0079, 52.3797
Hunter-Lab	71.7856, 47.9543, -27.1419

Details

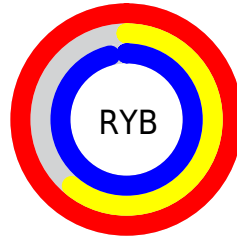
The CIELCh color **77, 58.473, 329.256** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 58.499, 143.808**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **89, 27.578, 325.385**, and **57, 58.335, 329.534** is the 20% darker color. If you saturate the color by 10%, you get **72, 72.111, 329.722**, and if you desaturate by 10%, it is **82, 43.818, 328.578**.

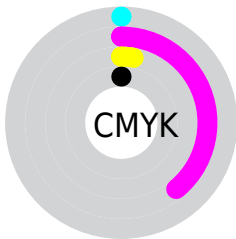
Distribution



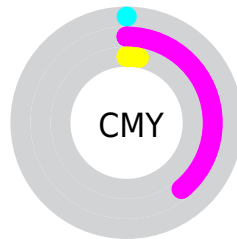
- Red (100%)
- Green (61%)
- Blue (96%)



- Red (100%)
- Yellow (61%)
- Blue (96%)



- Cyan (0%)
- Magenta (39%)
- Yellow (3%)
- Black (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 58.473, 329.256 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, 58.473, 329.256 by changing the saturation by 10% instead.

 77, 58.473,
329.256

 77, 58.473,
329.256


 100, 58.473,
329.256

 67, 58.473,
329.256

 97, 58.473,
329.256

 57, 58.473,
329.256

 47, 58.473,
329.256

 37, 58.473,
329.256

 27, 58.473,
329.256

 17, 58.473,
329.256

 7, 58.473, 329.256

77, 58.473,
329.256

77, 58.473,
329.256

72, 72.111,
329.722

82, 43.818,
328.578

68, 84.309,
330.257

88, 28.780,
327.987

64, 94.375,
330.757

94, 13.652,
327.388

62, 101.743,
331.222

100, 0.012,
296.813

60, 106.100,
331.659

59, 107.693,
332.083

■ 59,107.780,
332.121

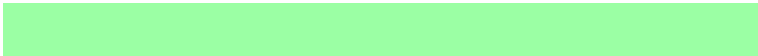
Harmonies

Complementary

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



77, 58.473, 329.256



92, 58.499, 143.808

Rectangle

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



77, 58.473, 329.256



77, 58.473, 19.256



77, 58.473, 149.256



77, 58.473, 199.256

Sweetspot

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



77, 58.419, 329.160



93, 18.034, 327.563



68, 54.969, 297.931



48, 11.970, 327.642



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, 58.419, 329.160



73, 69.340, 329.606



75, 42.738, 352.733



50, 8.532, 327.413



45, 86.914, 332.048



12, 40.316, 331.550

Inverse Universe

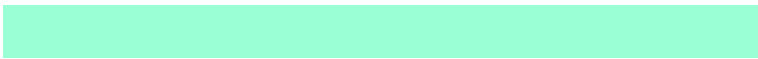
The Inverse Universe completely reimagines the original color for something new.



77, 58.419, 329.160



73, 69.340, 329.606



93, 39.777, 164.362



50, 8.532, 327.413



45, 86.914, 332.048



12, 40.316, 331.550

Previews

White Background



This preview shows how the CIELCh color 77, 58.473, 329.256 looks on a white background.

Color Contrast Check

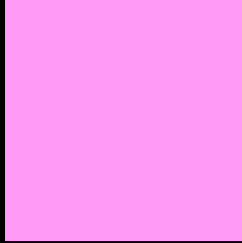
Large Text (above 18pt) WCAG AA × Fail

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, 58.473, 329.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

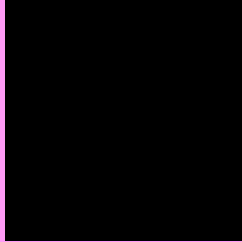
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 58.473, 329.256

Background



This preview shows how black text looks on a background with the CIELCh color 77, 58.473, 329.256.



This preview shows how white text looks on a background with the CIELCh color 77, 58.473, 329.256.

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, 58.473, 329.256

Protanopia
77, 36.167, 285.108

Deuteranopia
77, 29.010, 290.232

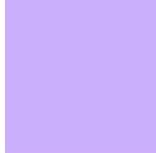


Tritanopia
77, 30.825, 9.394

Trichromacy



Original Color
77, 58.473, 329.256



Protanomaly
76, 41.952, 305.291



Deuteranomaly
76, 38.483, 310.432



Tritanomaly
77, 38.174, 348.352

Monochromacy



Original Color
77, 58.473, 329.256



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 21.973, 327.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 58.473, 329.256 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, 155, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 246)  
}
```

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, 155, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 58.473, 329.256 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, 155, 246) }
```

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

```
.border{ border-color:rgb(255, 155, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 58.473, 329.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 246) }
```

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

```
.background{ background-color: rgb(255,  
155, 246) }
```

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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