

Converting Colors

CIELCh(82, 108.391, 311.001)

Have a look what the booklet for
CIELCh(82, 108.391, 311.001)
contains.

CIELCh(77, 60.949, 325.350)	3
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Color

CIELCh(77, 60.949, 325.350)

Conversions

Conversions Part 1

Format	Color
Hex	FB9CFF
RGB	251, 156, 255
RGB Percent	98%, 61%, 100%
CMY	0.0155, 0.3880, 0.0000
CMYK	0.02, 0.39, 0.00, 0.00
HSL	298°, 100%, 81%
HSV	298°, 39%, 100%
XYZ	69.7528, 51.5317, 100.9163
YIQ	195.6910, 24.8410, 50.9290

Conversions

Conversions Part 2

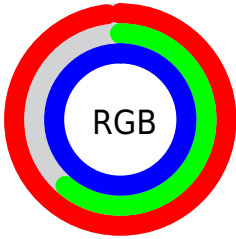
Format	Color
R _Y B	251, 156, 255
Decimal	16489727
CIE Lab	77.00, 50.14, -34.65
CIE LCh	77, 60.949, 325.350
Yxy	51.5317, 0.3139, 0.2319
Android (android.graphics.Color)	4294679807 (0xFFFB9CFF)
YUV	195.6910, 29.2393, 48.5060
Hunter-Lab	71.7856, 47.8203, -33.1000

Details

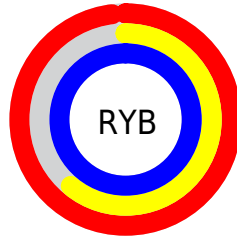
The CIELCh color **77, 60.949, 325.350** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 60.854, 140.598**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **90, 26.948, 325.363**, and **57, 61.038, 325.397** is the 20% darker color. If you saturate the color by 10%, you get **72, 75.461, 325.807**, and if you desaturate by 10%, it is **82, 45.523, 324.872**.

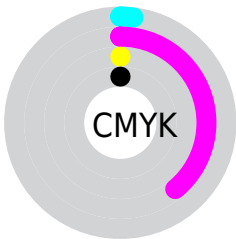
Distribution



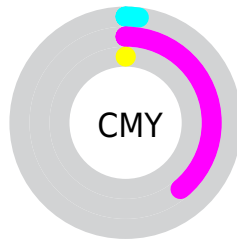
- Red (98%)
- Green (61%)
- Blue (100%)



- Red (98%)
- Yellow (61%)
- Blue (100%)



- Cyan (2%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (39%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 60.949, 325.350 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, 60.949, 325.350 by changing the saturation by 10% instead.


 77, 60.949,
325.350


 77, 60.949,
325.350


 100, 60.949,
325.350


 67, 60.949,
325.350


 97, 60.949,
325.350

 57, 60.949,
325.350

 47, 60.949,
325.350

 37, 60.949,
325.350

 27, 60.949,
325.350

 17, 60.949,
325.350

 7, 60.949, 325.350

0, 60.949, 325.350

77, 60.949,
325.350

77, 60.949,
325.350

72, 75.461,
325.807

82, 45.523,
324.872

68, 88.543,
326.182

88, 29.716,
324.352

64, 99.529,
326.467

94, 13.847,
323.814

61, 107.836,
326.643

100, 0.012,
296.813

60, 113.125,
326.699

59, 115.591,
326.642

■ 59,115.802,
326.631

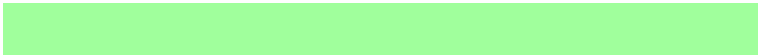
Harmonies

Complementary

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



77, 60.949, 325.350



92, 60.854, 140.598

Rectangle

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



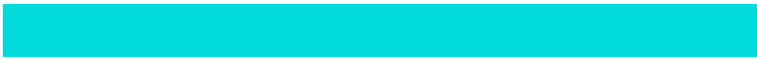
77, 60.949, 325.350



77, 60.949, 15.350



77, 60.949, 145.350



77, 60.949, 195.350

Sweetspot

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



77, 60.927, 325.363



92, 18.908, 323.988



69, 51.553, 293.504



48, 12.551, 324.059



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, 60.927, 325.363



73, 72.928, 325.731



76, 45.614, 344.683



50, 8.945, 323.853



44, 93.268, 326.659



12, 42.895, 326.846

Inverse Universe

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



75, 39.757, 20.216



70, 49.288, 21.735



93, 44.052, 157.304



49, 5.255, 16.711



40, 82.510, 38.470



10, 33.042, 25.577

Previews

White Background



This preview shows how the CIELCh color 77, 60.949, 325.350 looks on a white background.

Color Contrast Check

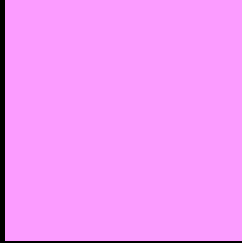
Large Text (above 18pt) WCAG AA × Fail

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, 60.949, 325.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

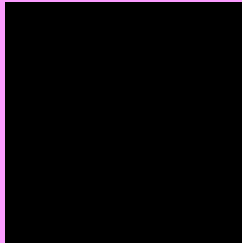
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 60.949, 325.350

Background



This preview shows how black text looks on a background with the CIELCh color 77, 60.949, 325.350.



This preview shows how white text looks on a background with the CIELCh color 77, 60.949, 325.350.

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, 60.949, 325.350

Protanopia

77, 36.202, 284.643

Deuteranopia

77, 33.362, 287.761



Tritanopia
77, 28.093, 7.807

Trichromacy



Original Color
77, 60.949, 325.350



Protanomaly
76, 43.352, 303.653



Deuteranomaly
77, 41.558, 306.317



Tritanomaly
77, 36.927, 343.569

Monochromacy



Original Color
77, 60.949, 325.350



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 23.064, 324.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 60.949, 325.350 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(251, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 156, 255)  
}
```

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(251, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 156, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 60.949, 325.350 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(251, 156, 255) }
```

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

```
.border{ border-color:rgb(251, 156, 255) }
```

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

Here you see how a box with a 4 pixel rgb(251, 156, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 156,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 60.949, 325.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 156, 255) }
```

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

```
.background{ background-color: rgb(251,  
156, 255) }
```

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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