

Converting Colors

CIELCh(77, 59.447, 324.748)

Have a look what the booklet for
CIELCh(77, 59.447, 324.748)
contains.

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Color

CIELCh(77, 59.050, 324.957)

Conversions

Conversions Part 1

Format	Color
Hex	F99EFE
RGB	249, 158, 254
RGB Percent	98%, 62%, 100%
CMY	0.0250, 0.3818, 0.0054
CMYK	0.02, 0.38, 0.00, 0.01
HSL	297°, 97%, 81%
HSV	297°, 38%, 99%
XYZ	68.9239, 51.5317, 99.7605
YIQ	196.1530, 23.4200, 49.1480

Conversions

Conversions Part 2

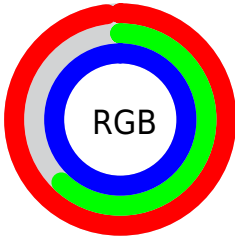
Format	Color
R _Y B	249, 158, 254
Decimal	16359166
CIE _{Lab}	77.00, 48.35, -33.91
CIE _{LCh}	77, 59.050, 324.957
Y _{xy}	51.5317, 0.3130, 0.2340
Android (android.graphics.Color)	4294549246 (0xFFFF99EFE)
Y _{UV}	196.1530, 28.5186, 46.3468
Hunter-Lab	71.7856, 45.7592, -32.1454

Details

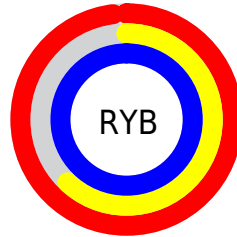
The CIELCh color **77, 59.050, 324.957** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 58.911, 140.407**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **90, 25.689, 325.319**, and **57, 59.185, 324.969** is the 20% darker color. If you saturate the color by 10%, you get **72, 73.626, 325.398**, and if you desaturate by 10%, it is **83, 43.678, 324.470**.

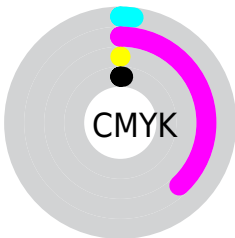
Distribution



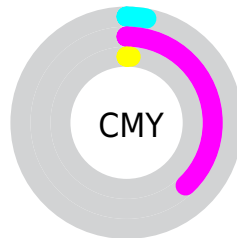
- Red (98%)
- Green (62%)
- Blue (100%)



- Red (98%)
- Yellow (62%)
- Blue (100%)



- Cyan (2%)
- Magenta (38%)
- Yellow (0%)
- Black (1%)





- Cyan (3%)
- Magenta (38%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 59.050, 324.957 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, 59.050, 324.957 by changing the saturation by 10% instead.


 77, 59.050,
324.957


 77, 59.050,
324.957


 100, 59.050,
324.957

 67, 59.050,
324.957


 97, 59.050,
324.957

 57, 59.050,
324.957

 47, 59.050,
324.957

 37, 59.050,
324.957

 27, 59.050,
324.957

 17, 59.050,
324.957

 7, 59.050, 324.957

0, 59.050, 324.957

77, 59.050,
324.957

77, 59.050,
324.957

72, 73.626,
325.398

83, 43.678,
324.470

67, 86.848,
325.771

88, 27.963,
323.956

64, 98.069,
326.052

95, 12.225,
323.423

61, 106.688,
326.220

100, 0.791,
138.897

59, 112.318,
326.261

100, 0.688,
110.014

58, 115.030,
326.176

■ 58,115.420,
326.149

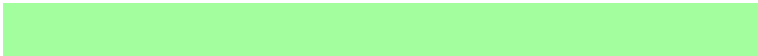
Harmonies

Complementary

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



77, 59.050, 324.957



92, 58.911, 140.407

Rectangle

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



77, 59.050, 324.957



77, 59.050, 14.957



77, 59.050, 144.957



77, 59.050, 194.957

Sweetspot

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



77, 59.047, 324.957



93, 17.259, 323.594



70, 49.016, 292.641



49, 11.606, 323.667



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, 59.047, 324.957



74, 69.900, 325.279



76, 44.763, 343.664



50, 8.912, 323.514



44, 93.342, 326.184



12, 42.924, 326.428

Inverse Universe

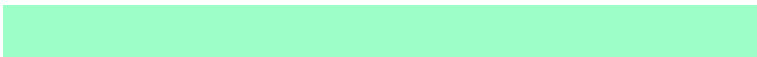
The Inverse Universe completely reimagines the original color for something new.



75, 38.409, 19.139



71, 46.811, 20.432



93, 43.400, 156.633



49, 5.259, 15.726



40, 82.040, 38.028



10, 32.948, 25.083

Previews

White Background



This preview shows how the CIELCh color 77, 59.050, 324.957 looks on a white background.

Color Contrast Check

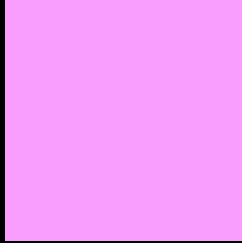
Large Text (above 18pt) WCAG AA × Fail

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, 59.050, 324.957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

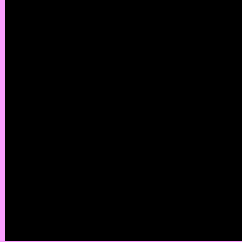
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 59.050, 324.957

Background



This preview shows how black text looks on a background with the CIELCh color 77, 59.050, 324.957.



This preview shows how white text looks on a background with the CIELCh color 77, 59.050, 324.957.

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, 59.050, 324.957

Protanopia

77, 36.202, 284.643

Deuteranopia

77, 32.810, 288.153



Tritanopia
77, 26.551, 6.790

Trichromacy



Original Color
77, 59.050, 324.957



Protanomaly
77, 42.217, 303.415



Deuteranomaly
77, 41.042, 306.466

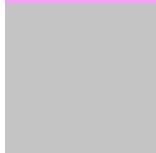


Tritanomaly
77, 35.507, 342.575

Monochromacy



Original Color
77, 59.050, 324.957



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 22.226, 323.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 59.050, 324.957 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(249, 158, 254)` looks like.

```
.text, #text, p{  
    color:rgb(249, 158, 254)  
}
```

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(249, 158, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 158, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 59.050, 324.957 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(249, 158, 254) }
```

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

```
.border{ border-color:rgb(249, 158, 254) }
```

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

Here you see how a box with a 4 pixel rgb(249, 158, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 158, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 158, 254);  
box-shadow:4px 4px 4px 4px rgb(249, 158,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 59.050, 324.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 158, 254) }
```

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

```
.background{ background-color: rgb(249,  
158, 254) }
```

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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