

Converting Colors

CIELCh(78, 59.723, 327.388)

Have a look what the booklet for
CIELCh(78, 59.723, 327.388)
contains.

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Color

CIELCh(78, 59.508, 327.080)

Conversions

Conversions Part 1

Format	Color
Hex	FF9FFE
RGB	255, 159, 254
RGB Percent	100%, 62%, 100%
CMY	0.0000, 0.3778, 0.0051
CMYK	0.00, 0.38, 0.01, 0.00
HSL	301°, 100%, 81%
HSV	301°, 38%, 100%
XYZ	71.6838, 53.2120, 100.0054
YIQ	198.5340, 26.7210, 49.8970

Conversions

Conversions Part 2

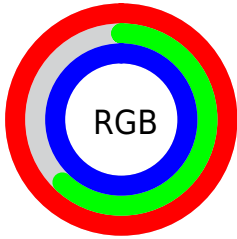
Format	Color
R _Y B	255, 159, 254
Decimal	16752638
CIE _{Lab}	78.00, 49.95, -32.34
CIE _{LCh}	78, 59.508, 327.080
Yxy	53.2120, 0.3187, 0.2366
Android (android.graphics.Color)	4294942718 (0xFFFF9FFE)
YUV	198.5340, 27.3447, 49.5207
Hunter-Lab	72.9466, 47.7536, -30.2205

Details

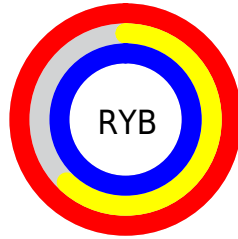
The CIELCh color **78, 59.508, 327.080** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 59.493, 141.934**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **90, 25.059, 325.297**, and **58, 59.340, 326.881** is the 20% darker color. If you saturate the color by 10%, you get **73, 73.922, 327.355**, and if you desaturate by 10%, it is **83, 43.986, 326.333**.

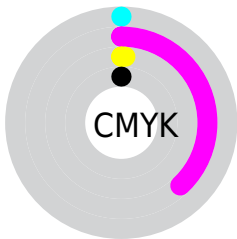
Distribution



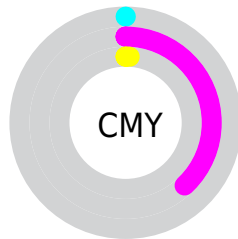
- Red (100%)
- Green (62%)
- Blue (100%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 59.508, 327.080 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 78, 59.508, 327.080 by changing the saturation by 10% instead.

 78, 59.508,
327.080

 78, 59.508,
327.080


 100, 59.508,
327.080


 68, 59.508,
327.080


 98, 59.508,
327.080

 58, 59.508,
327.080

 48, 59.508,
327.080

 38, 59.508,
327.080

 28, 59.508,
327.080

 18, 59.508,
327.080

 8, 59.508, 327.080

0, 59.508, 327.080

78, 59.508,
327.080

78, 59.508,
327.080

73, 73.922,
327.355

83, 43.986,
326.333

69, 86.980,
327.791

89, 28.160,
325.780

65, 97.939,
328.158

95, 12.264,
325.208

63, 106.233,
328.443

100, 0.012,
296.813

61, 111.539,
328.642

60, 113.985,
328.764

■ 60,114.329,
328.786

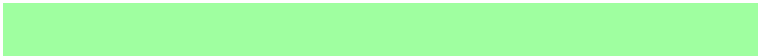
Harmonies

Complementary

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



78, 59.508, 327.080



92, 59.493, 141.934

Rectangle

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



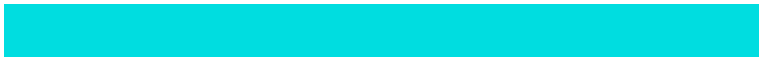
78, 59.508, 327.080



78, 59.508, 17.080



78, 59.508, 147.080



78, 59.508, 197.080

Sweetspot

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



78, 59.397, 326.863



93, 17.378, 325.396



69, 52.922, 295.226



49, 11.684, 325.473



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 59.397, 326.863



74, 70.009, 327.223



76, 43.146, 347.404



50, 8.974, 325.309



45, 92.102, 328.777



12, 42.426, 328.710

Inverse Universe

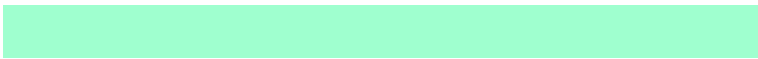
The Inverse Universe completely reimagines the original color for something new.



78, 59.397, 326.863



74, 70.009, 327.223



93, 41.223, 159.921



50, 8.974, 325.309



45, 92.102, 328.777



12, 42.426, 328.710

Previews

White Background



This preview shows how the CIELCh color 78, 59.508, 327.080 looks on a white background.

Color Contrast Check

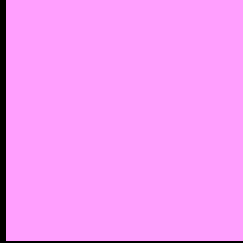
Large Text (above 18pt) WCAG AA × Fail

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 78, 59.508, 327.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

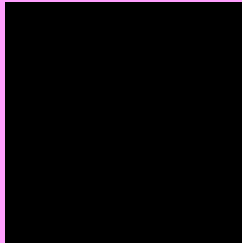
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 59.508, 327.080

Background



This preview shows how black text looks on a background with the CIELCh color 78, 59.508, 327.080.

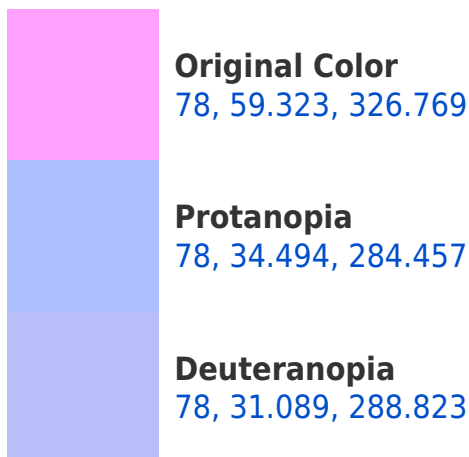



This preview shows how white text looks on a background with the CIELCh color 78, 59.508, 327.080.

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
78, 28.794, 8.240

Trichromacy



Original Color
78, 59.323, 326.769



Protanomaly
77, 41.721, 304.382



Deuteranomaly
78, 39.532, 307.870



Tritanomaly
78, 37.141, 345.021

Monochromacy



Original Color
78, 59.323, 326.769



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 22.136, 326.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 59.508, 327.080 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, 159, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 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(255, 159, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 59.508, 327.080 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, 159, 254) }
```

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

```
.border{ border-color:rgb(255, 159, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 59.508, 327.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 254) }
```

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

```
.background{ background-color: rgb(255,  
159, 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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