

Converting Colors

CIELCh(78, 58.915, 326.941)

Have a look what the booklet for
CIELCh(78, 58.915, 326.941)
contains.

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Color

CIELCh(78, 58.913, 327.066)

Conversions

Conversions Part 1

Format	Color
Hex	FF9FFD
RGB	255, 159, 253
RGB Percent	100%, 62%, 99%
CMY	0.0000, 0.3760, 0.0074
CMYK	0.00, 0.38, 0.01, 0.00
HSL	301°, 100%, 81%
HSV	301°, 38%, 100%
XYZ	71.4444, 53.2120, 99.5258
YIQ	198.4200, 27.0420, 49.5860

Conversions

Conversions Part 2

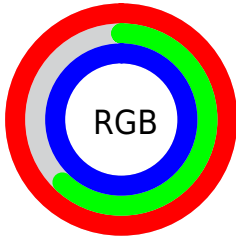
Format	Color
R _Y B	255, 159, 253
Decimal	16752637
CIE _{Lab}	78.00, 49.45, -32.03
CIE _{LCh}	78, 58.913, 327.066
Yxy	53.2120, 0.3187, 0.2374
Android (android.graphics.Color)	4294942717 (0xFFFF9FFD)
YUV	198.4200, 26.9079, 49.6207
Hunter-Lab	72.9466, 47.1677, -29.8307

Details

The CIELCh color **78, 58.913, 327.066** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 58.986, 142.113**, 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, 58.915, 327.194** is the 20% darker color. If you saturate the color by 10%, you get **73, 73.379, 327.529**, and if you desaturate by 10%, it is **83, 43.533, 326.497**.

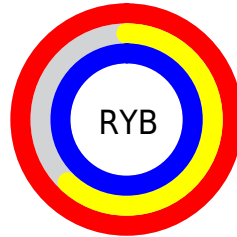
Distribution



Red (100%)

Green (62%)

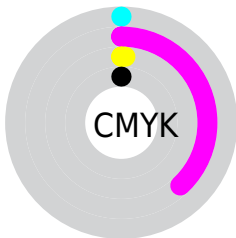
Blue (99%)



Red (100%)

Yellow (62%)

Blue (99%)

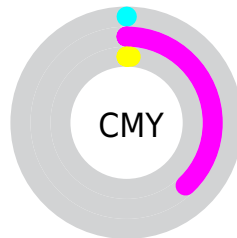


Cyan (0%)

Magenta (38%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 58.913, 327.066 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, 58.913, 327.066 by changing the saturation by 10% instead.


 78, 58.913,
327.066


 78, 58.913,
327.066


 100, 58.913,
327.066

 68, 58.913,
327.066


 98, 58.913,
327.066


 58, 58.913,
327.066

 48, 58.913,
327.066

 38, 58.913,
327.066

 28, 58.913,
327.066

 18, 58.913,
327.066

 8, 58.913, 327.066

78, 58.913,
327.066

78, 58.913,
327.066

73, 73.379,
327.529

83, 43.533,
326.497

69, 86.414,
327.974

89, 27.768,
325.940

65, 97.364,
328.352

95, 11.940,
325.366

63, 105.661,
328.652

100, 0.012,
296.813

61, 110.971,
328.871

60, 113.407,
329.017

■ 60,113.764,
329.046

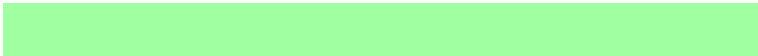
Harmonies

Complementary

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



78, 58.913, 327.066



92, 58.986, 142.113

Rectangle

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



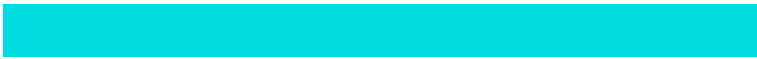
78, 58.913, 327.066



78, 58.913, 17.066



78, 58.913, 147.066



78, 58.913, 197.066

Sweetspot

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



78, 58.893, 327.031



93, 17.305, 325.564



69, 52.662, 295.692



49, 11.635, 325.642



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 58.893, 327.031



74, 69.721, 327.404



76, 42.552, 348.369



50, 8.937, 325.478



45, 91.655, 329.032



12, 42.244, 328.934

Inverse Universe

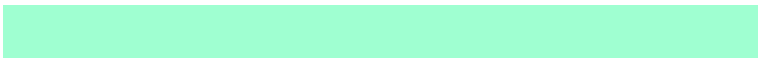
The Inverse Universe completely reimagines the original color for something new.



78, 58.893, 327.031



74, 69.721, 327.404



93, 40.489, 160.817



50, 8.937, 325.478



45, 91.655, 329.032



12, 42.244, 328.934

Previews

White Background



This preview shows how the CIELCh color 78, 58.913, 327.066 looks on a white background.

Color Contrast Check

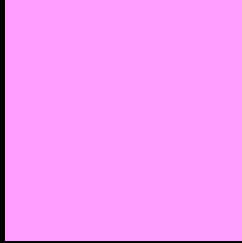
Large Text (above 18pt) WCAG AA × Fail

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, 58.913, 327.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

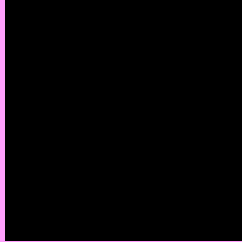
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 58.913, 327.066

Background



This preview shows how black text looks on a background with the CIELCh color 78, 58.913, 327.066.




This preview shows how white text looks on a background with the CIELCh color 78, 58.913, 327.066.

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, 58.913, 327.066



Protanomaly
77, 41.201, 304.501



Deuteranomaly
78, 39.021, 308.054

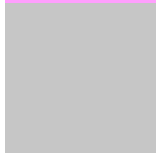


Tritanomaly
78, 36.864, 345.709

Monochromacy



Original Color
78, 58.913, 327.066



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, 58.913, 327.066 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 58.913, 327.066 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, 253) }
```

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

```
.border{ border-color:rgb(255, 159, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 58.913, 327.066 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, 253) }
```

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

```
.background{ background-color: rgb(255,  
159, 253) }
```

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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