

Converting Colors

CIELCh(78, 57.867, 326.560)

Have a look what the booklet for
CIELCh(78, 57.867, 326.560)
contains.

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Color

CIELCh(78, 58.011, 326.431)

Conversions

Conversions Part 1

Format	Color
Hex	FDA0FD
RGB	253, 160, 253
RGB Percent	99%, 63%, 99%
CMY	0.0072, 0.3719, 0.0072
CMYK	0.00, 0.37, 0.00, 0.01
HSL	300°, 96%, 81%
HSV	300°, 37%, 99%
XYZ	70.9225, 53.2120, 99.5985
YIQ	198.4090, 25.5750, 48.6390

Conversions

Conversions Part 2

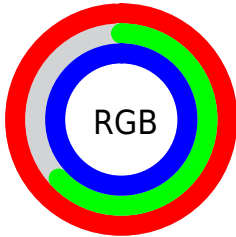
Format	Color
RYB	253, 160, 253
Decimal	16621821
CIELab	78.00, 48.34, -32.08
CIELCh	78, 58.011, 326.431
Yxy	53.2120, 0.3170, 0.2378
Android (android.graphics.Color)	4294811901 (0xFFFDA0FD)
YUV	198.4090, 26.9134, 47.8763
Hunter-Lab	72.9466, 45.8908, -29.8898

Details

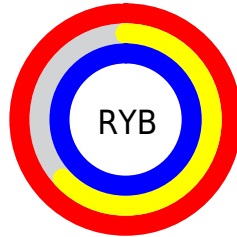
The CIELCh color **78, 58.011, 326.431** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 58.087, 141.690**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **91, 24.429, 325.275**, and **58, 58.060, 326.515** is the 20% darker color. If you saturate the color by 10%, you get **73, 72.695, 326.916**, and if you desaturate by 10%, it is **83, 42.488, 325.906**.

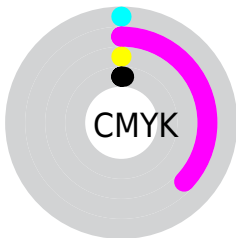
Distribution



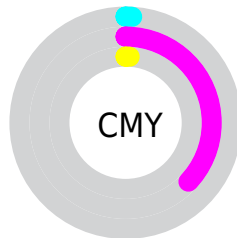
- Red (99%)
- Green (63%)
- Blue (99%)



- Red (99%)
- Yellow (63%)
- Blue (99%)



- Cyan (0%)
- Magenta (37%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (37%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 58.011, 326.431 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, 58.011, 326.431 by changing the saturation by 10% instead.


 78, 58.011,
326.431


 78, 58.011,
326.431


 100, 58.011,
326.431


 68, 58.011,
326.431


 98, 58.011,
326.431

 58, 58.011,
326.431

 48, 58.011,
326.431

 38, 58.011,
326.431

 28, 58.011,
326.431

 18, 58.011,
326.431

 8, 58.011, 326.431

■ 0, 58.011, 326.431

■ 78, 58.011,
326.431

■ 78, 58.011,
326.431

■ 73, 72.695,
326.916

■ 83, 42.488,
325.906

■ 69, 85.979,
327.343

■ 89, 26.591,
325.357

■ 65, 97.234,
327.697

■ 95, 10.652,
324.786

■ 63, 105.887,
327.962

■ 100, 1.125,
144.682

■ 61, 111.588,
328.134

■ 100, 1.124,
144.698

■ 60, 114.390,
328.218

■ 100, 1.124,
144.714

■ 60, 114.934,
328.234

■ 100, 1.123,
144.730

■ 100, 1.123,
144.746

■ 100, 1.122,
144.762

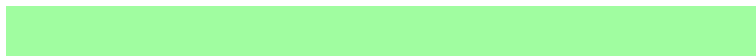
Harmonies

Complementary

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



78, 58.011, 326.431



92, 58.087, 141.690

Rectangle

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



78, 58.011, 326.431



78, 58.011, 16.431



78, 58.011, 146.431



78, 58.011, 196.431

Sweetspot

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



78, 58.008, 326.431



93, 17.536, 325.034



69, 51.048, 295.040



49, 11.791, 325.111



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, 58.008, 326.431



75, 69.189, 326.789



76, 41.726, 347.272



50, 9.056, 324.948



45, 93.080, 328.234



12, 42.821, 328.234

Inverse Universe

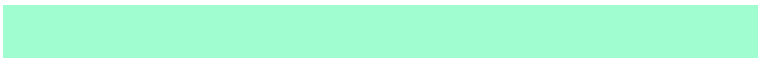
The Inverse Universe completely reimagines the original color for something new.



78, 58.008, 326.431



75, 69.189, 326.789



93, 39.907, 160.049



50, 9.056, 324.948



45, 93.080, 328.234



12, 42.821, 328.234

Previews

White Background



This preview shows how the CIELCh color 78, 58.011, 326.431 looks on a white background.

Color Contrast Check

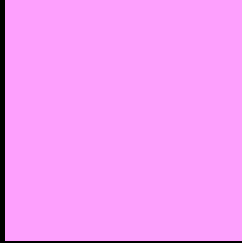
Large Text (above 18pt) WCAG AA × Fail

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, 58.011, 326.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

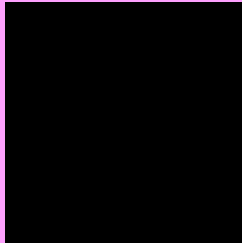
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 58.011, 326.431

Background



This preview shows how black text looks on a background with the CIELCh color 78, 58.011, 326.431.

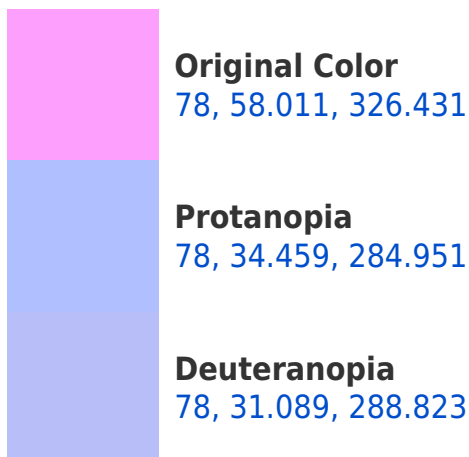


This preview shows how white text looks on a background with the CIELCh color 78, 58.011, 326.431.

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, 28.006, 7.757

Trichromacy



Original Color
78, 58.011, 326.431



Protanomaly
78, 40.587, 304.161



Deuteranomaly
78, 39.532, 307.870



Tritanomaly
78, 36.268, 344.902

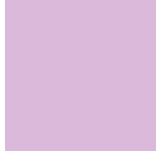
Monochromacy



Original Color
78, 58.011, 326.431



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 21.919, 325.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 58.011, 326.431 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(253, 160, 253)` looks like.

```
.text, #text, p{  
    color:rgb(253, 160, 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(253, 160, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 160, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 58.011, 326.431 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(253, 160, 253) }
```

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

```
.border{ border-color:rgb(253, 160, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 160, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 160, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 160, 253);  
box-shadow:4px 4px 4px 4px rgb(253, 160,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 58.011, 326.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 160, 253) }
```

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

```
.background{ background-color: rgb(253,  
160, 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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