

Converting Colors

CIELCh(86, 98.640, 317.016)

Have a look what the booklet for
CIELCh(86, 98.640, 317.016)
contains.

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Color

CIELCh(79, 57.340, 326.397)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3FF
RGB	255, 163, 255
RGB Percent	100%, 64%, 100%
CMY	0.0000, 0.3592, 0.0000
CMYK	0.00, 0.36, 0.00, 0.00
HSL	300°, 100%, 82%
HSV	300°, 36%, 100%
XYZ	72.6881, 54.9284, 101.7398
YIQ	200.9960, 25.3000, 48.1160

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 163, 255
Decimal	16753663
CIE _{Lab}	79.00, 47.76, -31.73
CIE _{LCh}	79, 57.340, 326.397
Yxy	54.9284, 0.3169, 0.2395
Android (android.graphics.Color)	4294943743 (0xFFFFA3FF)
YUV	200.9960, 26.6240, 47.3615
Hunter-Lab	74.1137, 45.3676, -29.5109

Details

The CIELCh color $79, 57.340, 326.397$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $93, 57.161, 141.767$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $91, 22.540, 325.209$, and $59, 57.398, 326.468$ is the 20% darker color. If you saturate the color by 10%, you get $74, 71.954, 326.878$, and if you desaturate by 10%, it is $84, 41.436, 325.861$.

Distribution



- Red (100%)
- Green (64%)
- Blue (100%)



- Red (100%)
- Yellow (64%)
- Blue (100%)



- Cyan (0%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (36%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 57.340, 326.397 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 79, 57.340, 326.397 by changing the saturation by 10% instead.

 79, 57.340,
326.397

 79, 57.340,
326.397

 100, 57.340,
326.397


 69, 57.340,
326.397


 99, 57.340,
326.397

 59, 57.340,
326.397

 49, 57.340,
326.397

 39, 57.340,
326.397

 29, 57.340,
326.397

 19, 57.340,
326.397

 9, 57.340, 326.397

■ 0, 57.340, 326.397

■ 79, 57.340,
326.397

■ 79, 57.340,
326.397

■ 74, 71.954,
326.878

■ 84, 41.436,
325.861

■ 70, 85.452,
327.310

■ 90, 25.430,
325.310

■ 66, 96.958,
327.670


■ 96, 9.407, 324.736

■ 63, 105.887,
327.943

100, 0.012,
296.813

■ 61, 111.861,
328.123

■ 61, 114.890,
328.213

 60,115.567,
328.233

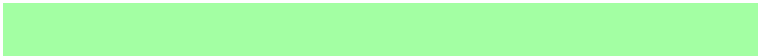
Harmonies

Complementary

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



79, 57.340, 326.397



93, 57.161, 141.767

Rectangle

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



79, 57.340, 326.397



79, 57.340, 16.397



79, 57.340, 146.397



79, 57.340, 196.397

Sweetspot

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



79, 57.093, 326.389



93, 17.537, 325.033



70, 50.113, 294.900



49, 11.791, 325.110



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 57.093, 326.389



75, 67.732, 326.740



77, 41.040, 347.173



50, 9.057, 324.947



45, 93.083, 328.233



12, 42.823, 328.233

Inverse Universe

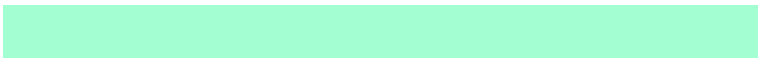
The Inverse Universe completely reimagines the original color for something new.



79, 57.093, 326.389



75, 67.732, 326.740



93, 39.282, 160.146



50, 9.057, 324.947



45, 93.083, 328.233



12, 42.823, 328.233

Previews

White Background



This preview shows how the CIELCh color 79, 57.340, 326.397 looks on a white background.

Color Contrast Check

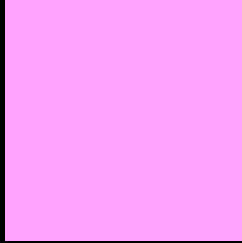
Large Text (above 18pt) WCAG AA × Fail

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 79, 57.340, 326.397 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 79, 57.340, 326.397

Background



This preview shows how black text looks on a background with the CIELCh color 79, 57.340, 326.397.



This preview shows how white text looks on a background with the CIELCh color 79, 57.340, 326.397.

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

79, 57.340, 326.397

Protanopia

79, 32.795, 284.290

Deuteranopia

79, 31.016, 289.373



Tritanopia
79, 27.167, 7.223

Trichromacy



Original Color
79, 57.340, 326.397



Protanomaly
79, 39.436, 304.383



Deuteranomaly
79, 38.839, 307.554



Tritanomaly
79, 35.624, 344.049

Monochromacy



Original Color
79, 57.340, 326.397



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 21.880, 325.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 57.340, 326.397 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, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 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(255, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 57.340, 326.397 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, 163, 255) }
```

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

```
.border{ border-color:rgb(255, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 57.340, 326.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 255) }
```

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

```
.background{ background-color: rgb(255,  
163, 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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