

Converting Colors

CIELCh(83, 45.035, 327.207)

Have a look what the booklet for
CIELCh(83, 45.035, 327.207)
contains.

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Color

CIELCh(83, 44.898, 326.771)

Conversions

Conversions Part 1	
Format	Color
Hex	FFB7FE
RGB	255, 183, 254
RGB Percent	100%, 72%, 100%
CMY	0.0000, 0.2842, 0.0057
CMYK	0.00, 0.28, 0.01, 0.00
HSL	301°, 100%, 86%
HSV	301°, 28%, 100%
XYZ	76.0975, 62.1629, 101.3751
YIQ	212.6220, 20.1210, 37.3450

Conversions

Conversions Part 2

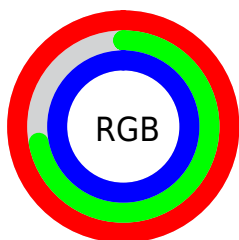
Format	Color
RYB	255, 183, 254
Decimal	16758782
CIELab	83.00, 37.56, -24.60
CIELCh	83, 44.898, 326.771
Yxy	62.1629, 0.3176, 0.2594
Android (android.graphics.Color)	4294948862 (0xFFFFB7FE)
YUV	212.6220, 20.3994, 37.1655
Hunter-Lab	78.8435, 34.3071, -21.0432

Details

The CIELCh color **83, 44.898, 326.771** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 44.796, 142.982**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 9.351, 324.734**, and **63, 44.574, 326.290** is the 20% darker color. If you saturate the color by 10%, you get **78, 60.102, 327.082**, and if you desaturate by 10%, it is **89, 29.054, 325.995**.

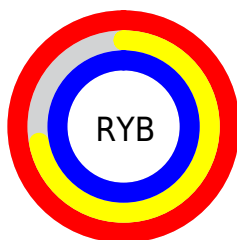
Distribution



Red (100%)

Green (72%)

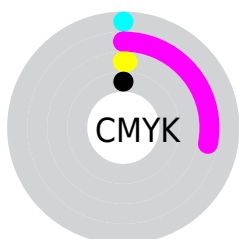
Blue (100%)



Red (100%)

Yellow (72%)

Blue (100%)

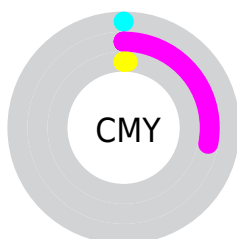


Cyan (0%)

Magenta (28%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 44.898, 326.771 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 83, 44.898, 326.771 by changing the saturation by 10% instead.


 83, 44.898,
326.771


 83, 44.898,
326.771


 100, 44.898,
326.771


 73, 44.898,
326.771

 63, 44.898,
326.771

 53, 44.898,
326.771

 43, 44.898,
326.771

 33, 44.898,
326.771


 23, 44.898,
326.771


 13, 44.898,


326.771


 3, 44.898, 326.771


 0, 44.898, 326.771


 83, 44.898,
326.771


 83, 44.898,
326.771

 78, 60.102,
327.082


 89, 29.054,
325.995


 73, 74.490,
327.577

 95, 13.225,
325.423


 68, 87.376,
328.018


100, 0.012,
296.813


 65, 98.127,
328.390

 62, 106.185,

328.684

 61, 111.246,
328.898

 60, 113.500,
329.040

 60, 113.736,
329.059

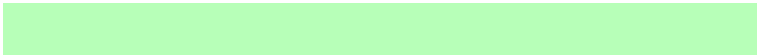
Harmonies

Complementary

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



83, 44.898, 326.771



94, 44.796, 142.982

Rectangle

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



83, 44.898, 326.771



83, 44.898, 16.771



83, 44.898, 146.771



83, 44.898, 196.771

Sweetspot

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



83, 44.798, 326.550



94, 14.140, 325.457



77, 39.019, 294.223



50, 9.834, 325.542



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 44.798, 326.550



80, 53.419, 326.851



82, 32.118, 347.259



50, 8.935, 325.486



45, 91.633, 329.045



12, 42.235, 328.945

Inverse Universe

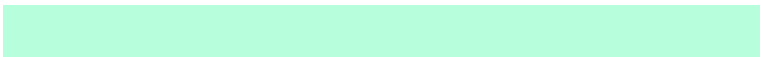
The Inverse Universe completely reimagines the original color for something new.



83, 44.798, 326.550



80, 53.419, 326.851



95, 30.903, 161.886



50, 8.935, 325.486



45, 91.633, 329.045



12, 42.235, 328.945

Previews

White Background



This preview shows how the CIELCh color 83, 44.898, 326.771 looks on a white background.

Color Contrast Check

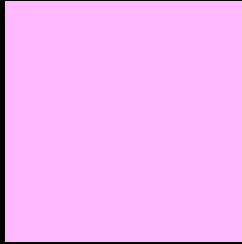
Large Text (above 18pt) WCAG AA × Fail

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 83, 44.898, 326.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

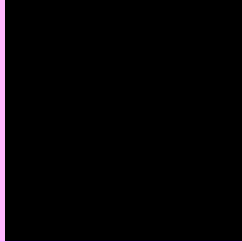
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 44.898, 326.771

Background



This preview shows how black text looks on a background with the CIELCh color 83, 44.898, 326.771.



This preview shows how white text looks on a background with the CIELCh color 83, 44.898, 326.771.

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

83, 44.693, 326.369

Protanopia

83, 26.581, 284.771

Deuteranopia



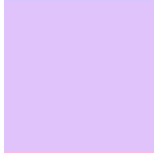

83, 25.484, 295.318



Tritanopia

83, 22.488, 2.262

Trichromacy

	Original Color 83, 44.693, 326.369
	Protanomaly 83, 30.988, 304.431
	Deuteranomaly 83, 31.375, 310.733
	Tritanomaly 83, 28.644, 343.258

Monochromacy

	Original Color 83, 44.693, 326.369
	Achromatopsia 85, 0.010, 296.813
	Achromatomaly 84, 16.820, 326.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 44.898, 326.771 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, 183, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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, 183, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 44.898, 326.771 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, 183, 254) }
```

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

```
.border{ border-color:rgb(255, 183, 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, 183, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 44.898, 326.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 254) }
```

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

```
.background{ background-color: rgb(255,  
183, 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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