

Converting Colors

CIELCh(82, 47.822, 326.141)

Have a look what the booklet for
CIELCh(82, 47.822, 326.141)
contains.

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Color

CIELCh(82, 47.784, 326.450)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2FE
RGB	255, 178, 254
RGB Percent	100%, 70%, 100%
CMY	0.0000, 0.3017, 0.0037
CMYK	0.00, 0.30, 0.00, 0.00
HSL	301°, 100%, 85%
HSV	301°, 30%, 100%
XYZ	75.0971, 60.2982, 101.5011
YIQ	209.6870, 21.4960, 39.9600

Conversions

Conversions Part 2

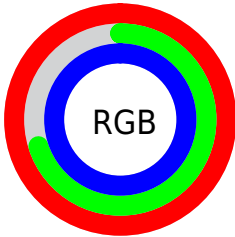
Format	Color
R _Y B	255, 178, 254
Decimal	16757502
CIE Lab	82.00, 39.82, -26.41
CIE LCh	82, 47.784, 326.450
Yxy	60.2982, 0.3170, 0.2545
Android (android.graphics.Color)	4294947582 (0xFFFFB2FE)
YUV	209.6870, 21.8463, 39.7395
Hunter-Lab	77.6519, 36.7363, -23.1434

Details

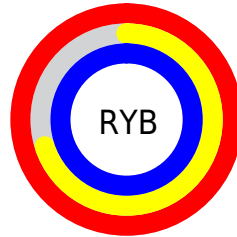
The CIELCh color $82, 47.784, 326.450$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $94, 47.780, 142.619$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 12.482, 324.851$, and $62, 47.743, 326.418$ is the 20% darker color. If you saturate the color by 10%, you get $77, 63.030, 326.946$, and if you desaturate by 10%, it is $88, 31.992, 325.876$.

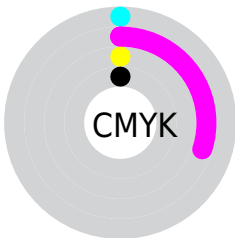
Distribution



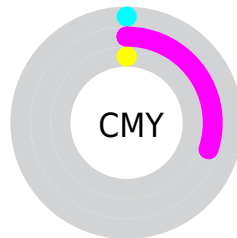
- Red (100%)
- Green (70%)
- Blue (100%)



- Red (100%)
- Yellow (70%)
- Blue (100%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 47.784, 326.450 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 82, 47.784, 326.450 by changing the saturation by 10% instead.


 82, 47.784,
326.450


 82, 47.784,
326.450


 100, 47.784,
326.450


 72, 47.784,
326.450

 62, 47.784,
326.450

 52, 47.784,
326.450

 42, 47.784,
326.450

 32, 47.784,
326.450

 22, 47.784,
326.450

 12, 47.784,

326.450

■ 2, 47.784, 326.450

■ 0, 47.784, 326.450

■ 82, 47.784,
326.450

■ 82, 47.784,
326.450

■ 77, 63.030,
326.946

■ 88, 31.992,
325.876

■ 72, 77.273,
327.424

■ 94, 16.073,
325.311

■ 68, 89.898,
327.844

100, 0.276,
323.639

■ 65, 100.275,
328.189

100, 0.012,
296.813

■ 62, 107.881,

328.450

■ 61, 112.478,
328.626

■ 60, 114.453,
328.730

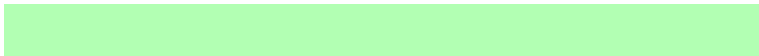
Harmonies

Complementary

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



82, 47.784, 326.450



94, 47.780, 142.619

Rectangle

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



82, 47.784, 326.450



82, 47.784, 16.450



82, 47.784, 146.450



82, 47.784, 196.450

Sweetspot

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



82, 47.770, 326.425



94, 14.216, 325.243



75, 41.571, 293.948



50, 9.886, 325.327



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 47.770, 326.425



79, 56.760, 326.733



81, 34.457, 346.496



50, 8.983, 325.272



45, 92.201, 328.721



12, 42.465, 328.662

Inverse Universe

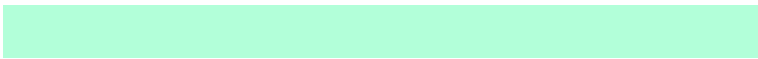
The Inverse Universe completely reimagines the original color for something new.



82, 47.770, 326.425



79, 56.760, 326.733



94, 33.188, 160.812



50, 8.983, 325.272



45, 92.201, 328.721



12, 42.465, 328.662

Previews

White Background



This preview shows how the CIELCh color 82, 47.784, 326.450 looks on a white background.

Color Contrast Check

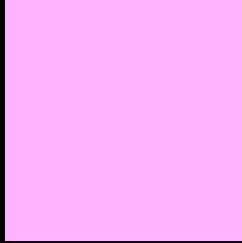
Large Text (above 18pt) WCAG AA × Fail

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 82, 47.784, 326.450 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 82, 47.784, 326.450

Background



This preview shows how black text looks on a background with the CIELCh color 82, 47.784, 326.450.



This preview shows how white text looks on a background with the CIELCh color 82, 47.784, 326.450.

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
82, 23.786, 2.111

Trichromacy



Original Color
82, 47.784, 326.450



Protanomaly
82, 33.810, 304.750



Deuteranomaly
82, 32.954, 309.910

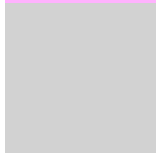


Tritanomaly
82, 31.357, 342.472

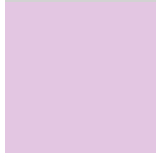
Monochromacy



Original Color
82, 47.784, 326.450



Achromatopsia
84, 0.010, 296.813



Achromatomaly
83, 17.921, 325.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 47.784, 326.450 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, 178, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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, 178, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 47.784, 326.450 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, 178, 254) }
```

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

```
.border{ border-color:rgb(255, 178, 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, 178, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 47.784, 326.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 254) }
```

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

```
.background{ background-color: rgb(255,  
178, 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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