

Converting Colors

CIELCh(84, 81.397, 310.247)

Have a look what the booklet for
CIELCh(84, 81.397, 310.247)
contains.

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Color

CIELCh(81, 47.556, 323.123)

Conversions

Conversions Part 1

Format	Color
Hex	F7B1FF
RGB	247, 177, 255
RGB Percent	97%, 69%, 100%
CMY	0.0312, 0.3057, 0.0000
CMYK	0.03, 0.31, 0.00, 0.00
HSL	294°, 100%, 85%
HSV	294°, 31%, 100%
XYZ	72.1666, 58.4711, 102.1346
YIQ	206.8220, 16.6820, 39.0980

Conversions

Conversions Part 2

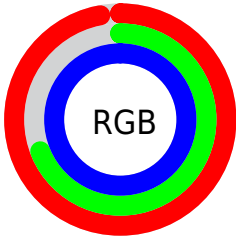
Format	Color
R _Y B	247, 177, 255
Decimal	16232959
CIE Lab	81.00, 38.04, -28.54
CIE LCh	81, 47.556, 323.123
Yxy	58.4711, 0.3100, 0.2512
Android (android.graphics.Color)	4294423039 (0xFFFF7B1FF)
YUV	206.8220, 23.7518, 35.2361
Hunter-Lab	76.4664, 34.6466, -25.6660

Details

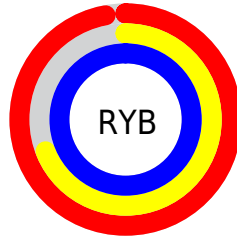
The CIELCh color $81, 47.556, 323.123$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $94, 47.236, 139.790$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 13.736, 324.896$, and $61, 47.776, 323.308$ is the 20% darker color. If you saturate the color by 10%, you get $75, 62.731, 323.591$, and if you desaturate by 10%, it is $87, 31.953, 322.658$.

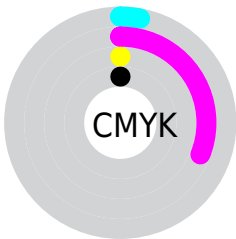
Distribution



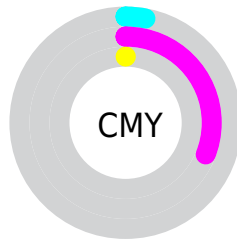
- Red (97%)
- Green (69%)
- Blue (100%)



- Red (97%)
- Yellow (69%)
- Blue (100%)



- Cyan (3%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (31%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 47.556, 323.123 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 81, 47.556, 323.123 by changing the saturation by 10% instead.


 81, 47.556,
323.123


 81, 47.556,
323.123


 100, 47.556,
323.123


 71, 47.556,
323.123

 61, 47.556,
323.123

 51, 47.556,
323.123

 41, 47.556,
323.123

 31, 47.556,
323.123

 21, 47.556,
323.123

 11, 47.556,

323.123

■ 1, 47.556, 323.123

■ 0, 47.556, 323.123

■ 81, 47.556,
323.123

■ 81, 47.556,
323.123

■ 75, 62.731,
323.591

■ 87, 31.953,
322.658

■ 70, 77.097,
323.986

■ 93, 16.329,
322.159

■ 66, 90.040,
324.298

100, 0.877,
321.368

■ 62, 100.895,
324.497

100, 0.012,
296.813

■ 59, 109.043,

324.553

■ 57, 114.118,
324.445

■ 56, 116.390,
324.206

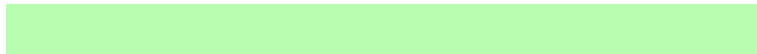
Harmonies

Complementary

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



81, 47.556, 323.123



94, 47.236, 139.790

Rectangle

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



81, 47.556, 323.123



81, 47.556, 13.123



81, 47.556, 143.123



81, 47.556, 193.123

Sweetspot

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



81, 47.530, 323.141



94, 13.892, 322.079



77, 37.009, 289.126



49, 9.664, 322.153



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 47.530, 323.141



77, 57.379, 323.435



81, 37.582, 340.358



50, 8.779, 322.105



42, 93.729, 324.273



11, 43.070, 324.738

Inverse Universe

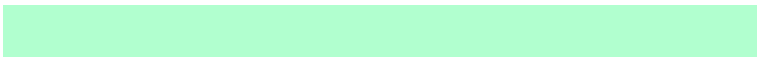
The Inverse Universe completely reimagines the original color for something new.



80, 30.400, 14.213



76, 37.454, 15.217



94, 36.857, 155.196



50, 5.291, 11.726



40, 79.884, 35.855



10, 32.588, 23.035

Previews

White Background



This preview shows how the CIELCh color 81, 47.556, 323.123 looks on a white background.

Color Contrast Check

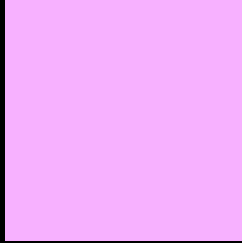
Large Text (above 18pt) WCAG AA × Fail

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 81, 47.556, 323.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

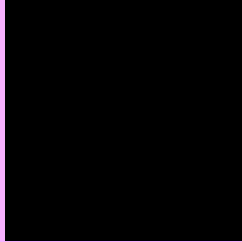
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 47.556, 323.123

Background



This preview shows how black text looks on a background with the CIELCh color 81, 47.556, 323.123.



This preview shows how white text looks on a background with the CIELCh color 81, 47.556, 323.123.

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
81, 21.313, 359.454

Trichromacy



Original Color
81, 47.556, 323.123



Protanomaly
81, 34.122, 302.405



Deuteranomaly
81, 34.186, 306.979

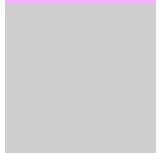


Tritanomaly
81, 29.508, 339.026

Monochromacy



Original Color
81, 47.556, 323.123



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 17.568, 323.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 47.556, 323.123 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(247, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 177, 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(247, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 177, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 47.556, 323.123 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(247, 177, 255) }
```

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

```
.border{ border-color:rgb(247, 177, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 177,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 47.556, 323.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 177, 255) }
```

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

```
.background{ background-color: rgb(247,  
177, 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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