

Converting Colors

CIELCh(81, 50.124, 327.137)

Have a look what the booklet for
CIELCh(81, 50.124, 327.137)
contains.

CIELCh(81, 50.443, 326.877)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 50.443, 326.877)

Conversions

Conversions Part 1

Format	Color
Hex	FFADFD
RGB	255, 173, 253
RGB Percent	100%, 68%, 99%
CMY	0.0000, 0.3202, 0.0064
CMYK	0.00, 0.32, 0.01, 0.00
HSL	301°, 100%, 84%
HSV	301°, 32%, 100%
XYZ	74.1808, 58.4711, 100.6173
YIQ	206.6380, 23.1920, 42.2640

Conversions

Conversions Part 2

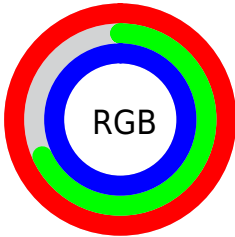
Format	Color
RYB	255, 173, 253
Decimal	16756221
CIELab	81.00, 42.25, -27.56
CIElCh	81, 50.443, 326.877
Yxy	58.4711, 0.3180, 0.2507
Android (android.graphics.Color)	4294946301 (0xFFFFADFD)
YUV	206.6380, 22.8565, 42.4135
Hunter-Lab	76.4664, 39.3483, -24.4895

Details

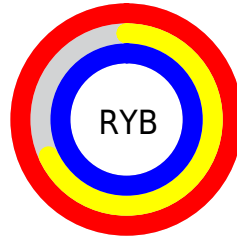
The CIELCh color $81, 50.443, 326.877$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $93, 50.399, 142.655$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 16.248, 324.987$, and $61, 50.438, 326.906$ is the 20% darker color. If you saturate the color by 10%, you get $76, 65.414, 327.262$, and if you desaturate by 10%, it is $87, 34.743, 326.194$.

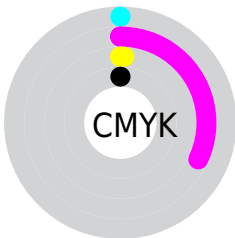
Distribution



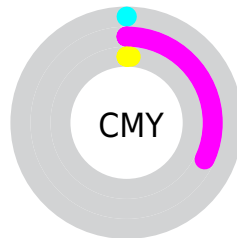
- Red (100%)
- Green (68%)
- Blue (99%)



- Red (100%)
- Yellow (68%)
- Blue (99%)



- Cyan (0%)
- Magenta (32%)
- Yellow (1%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 50.443, 326.877 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, 50.443, 326.877 by changing the saturation by 10% instead.


 81, 50.443,
326.877


 81, 50.443,
326.877


 100, 50.443,
326.877


 71, 50.443,
326.877


 61, 50.443,
326.877

 51, 50.443,
326.877

 41, 50.443,
326.877

 31, 50.443,
326.877

 21, 50.443,
326.877

 11, 50.443,

326.877

■ 1, 50.443, 326.877

■ 0, 50.443, 326.877

■ 81, 50.443,
326.877

■ 81, 50.443,
326.877

■ 76, 65.414,
327.262

■ 87, 34.743,
326.194

■ 71, 79.335,
327.739

■ 93, 18.910,
325.628

■ 67, 91.526,
328.157

■ 99, 3.158, 324.987

■ 64, 101.365,
328.502

100, 0.012,
296.813

■ 62, 108.363,

328.766

■ 61, 112.350,
328.951

■ 60, 113.746,
329.055

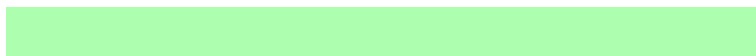
Harmonies

Complementary

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



81, 50.443, 326.877



93, 50.399, 142.655

Rectangle

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



81, 50.443, 326.877



81, 50.443, 16.877



81, 50.443, 146.877



81, 50.443, 196.877

Sweetspot

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



81, 50.377, 326.742



94, 15.721, 325.512



74, 44.297, 294.774



49, 10.734, 325.593



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, 50.377, 326.742



78, 59.478, 327.058



80, 36.226, 347.676



50, 8.936, 325.484



45, 91.641, 329.040



12, 42.238, 328.941

Inverse Universe

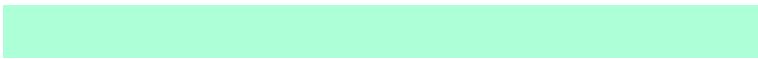
The Inverse Universe completely reimagines the original color for something new.



81, 50.377, 326.742



78, 59.478, 327.058



94, 34.697, 161.481



50, 8.936, 325.484



45, 91.641, 329.040



12, 42.238, 328.941

Previews

White Background



This preview shows how the CIELCh color 81, 50.443, 326.877 looks on a white background.

Color Contrast Check

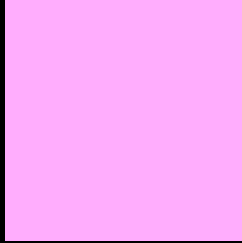
Large Text (above 18pt) WCAG AA × Fail

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, 50.443, 326.877 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, 50.443, 326.877

Background



This preview shows how black text looks on a background with the CIELCh color 81, 50.443, 326.877.



This preview shows how white text looks on a background with the CIELCh color 81, 50.443, 326.877.

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, 25.216, 4.633

Trichromacy



Original Color
81, 50.443, 326.877



Protanomaly
81, 34.934, 304.450



Deuteranomaly
81, 35.173, 309.480



Tritanomaly
81, 32.573, 344.327

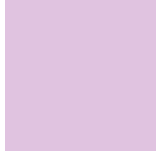
Monochromacy



Original Color
81, 50.443, 326.877



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 18.597, 325.138

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 50.443, 326.877 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, 173, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 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(255, 173, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 50.443, 326.877 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, 173, 253) }
```

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

```
.border{ border-color:rgb(255, 173, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 50.443, 326.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 253) }
```

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

```
.background{ background-color: rgb(255,  
173, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor