

Converting Colors

CIELCh(85, 62.204, 313.749)

Have a look what the booklet for
CIELCh(85, 62.204, 313.749)
contains.

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Color

CIELCh(83, 42.741, 324.681)

Conversions

Conversions Part 1

Format	Color
Hex	FBB9FE
RGB	251, 185, 254
RGB Percent	98%, 73%, 100%
CMY	0.0170, 0.2756, 0.0052
CMYK	0.01, 0.27, 0.00, 0.01
HSL	297°, 96%, 86%
HSV	297°, 27%, 99%
XYZ	74.7862, 62.1629, 101.5407
YIQ	212.6000, 17.1870, 35.4510

Conversions

Conversions Part 2

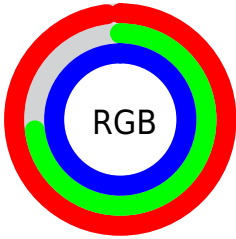
Format	Color
R _Y B	251, 185, 254
Decimal	16497150
CIE Lab	83.00, 34.87, -24.71
CIE LCh	83, 42.741, 324.681
Yxy	62.1629, 0.3136, 0.2607
Android (android.graphics.Color)	4294687230 (0xFFFBB9FE)
YUV	212.6000, 20.4102, 33.6768
Hunter-Lab	78.8435, 31.3383, -21.1678

Details

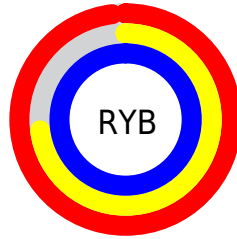
The CIELCh color $83, 42.741, 324.681$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $94, 42.637, 141.513$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 8.100, 324.685$, and $63, 42.804, 324.921$ is the 20% darker color. If you saturate the color by 10%, you get $77, 58.163, 325.176$, and if you desaturate by 10%, it is $89, 26.981, 324.161$.

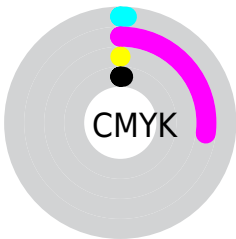
Distribution



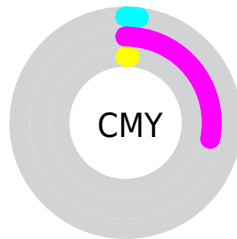
- Red (98%)
- Green (73%)
- Blue (100%)



- Red (98%)
- Yellow (73%)
- Blue (100%)



- Cyan (1%)
- Magenta (27%)
- Yellow (0%)
- Black (1%)





- Cyan (2%)
- Magenta (28%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 42.741, 324.681 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, 42.741, 324.681 by changing the saturation by 10% instead.


 83, 42.741,
324.681


 83, 42.741,
324.681


 100, 42.741,
324.681


 73, 42.741,
324.681

 63, 42.741,
324.681

 53, 42.741,
324.681

 43, 42.741,
324.681

 33, 42.741,
324.681

 23, 42.741,
324.681

 13, 42.741,

324.681

■ 3, 42.741, 324.681

■ 0, 42.741, 324.681

■ 83, 42.741,
324.681

■ 83, 42.741,
324.681

■ 77, 58.163,
325.176

■ 89, 26.981,
324.161

■ 72, 72.814,
325.626

■ 95, 11.211,
323.621

■ 68, 86.130,
326.011

100, 0.759,
138.066

■ 64, 97.472,
326.308

100, 0.666,
110.012

■ 61, 106.236,

326.497

■ 59, 112.025,
326.565

■ 58, 114.867,
326.512

■ 58, 115.369,
326.484

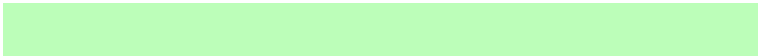
Harmonies

Complementary

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



83, 42.741, 324.681



94, 42.637, 141.513

Rectangle

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



83, 42.741, 324.681



83, 42.741, 14.681



83, 42.741, 144.681



83, 42.741, 194.681

Sweetspot

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



83, 42.738, 324.681



95, 12.561, 323.667



78, 35.090, 291.518



50, 8.935, 323.749



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, 42.738, 324.681



80, 52.011, 324.974



82, 31.847, 343.421



50, 8.935, 323.749



44, 93.289, 326.514



12, 42.904, 326.719

Inverse Universe

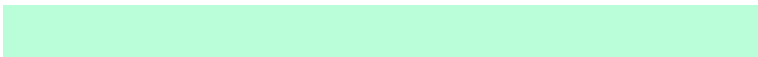
The Inverse Universe completely reimagines the original color for something new.



81, 26.670, 18.250



78, 33.173, 19.035



94, 31.025, 158.626



49, 5.256, 16.410



40, 82.364, 38.334



10, 33.013, 25.426

Previews

White Background



This preview shows how the CIELCh color 83, 42.741, 324.681 looks on a white background.

Color Contrast Check

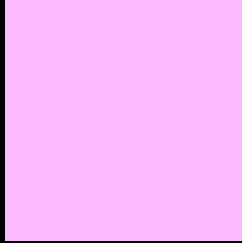
Large Text (above 18pt) WCAG AA × Fail

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, 42.741, 324.681 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, 42.741, 324.681

Background



This preview shows how black text looks on a background with the CIELCh color 83, 42.741, 324.681.



This preview shows how white text looks on a background with the CIELCh color 83, 42.741, 324.681.

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, 42.772, 324.686

Protanopia

83, 26.548, 285.451

Deuteranopia

83, 25.484, 295.318



Tritanopia
83, 20.495, 358.525

Trichromacy



Original Color
83, 42.772, 324.686



Protanomaly
83, 30.834, 303.205



Deuteranomaly
83, 30.557, 309.188

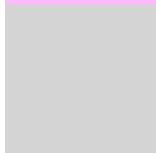


Tritanomaly
83, 27.305, 339.252

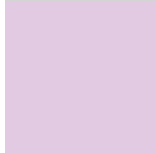
Monochromacy



Original Color
83, 42.772, 324.686



Achromatopsia
85, 0.010, 296.813



Achromatomaly
84, 15.782, 323.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 42.741, 324.681 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(251, 185, 254)` looks like.

```
.text, #text, p{  
    color:rgb(251, 185, 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(251, 185, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 185, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 42.741, 324.681 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(251, 185, 254) }
```

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

```
.border{ border-color:rgb(251, 185, 254) }
```

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

Here you see how a box with a 4 pixel rgb(251, 185, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 185, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 185, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 185,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 42.741, 324.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 185, 254) }
```

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

```
.background{ background-color: rgb(251,  
185, 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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