

Converting Colors

CIELCh(83, 43.007, 325.913)

Have a look what the booklet for
CIELCh(83, 43.007, 325.913)
contains.

CIELCh(83, 43.310, 325.934)	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(83, 43.310, 325.934)

Conversions

Conversions Part 1

Format	Color
Hex	FDB8FD
RGB	253, 184, 253
RGB Percent	99%, 72%, 99%
CMY	0.0084, 0.2789, 0.0084
CMYK	0.00, 0.27, 0.00, 0.01
HSL	300°, 94%, 86%
HSV	300°, 27%, 99%
XYZ	75.2749, 62.1629, 100.8411
YIQ	212.4970, 18.9750, 36.0870

Conversions

Conversions Part 2

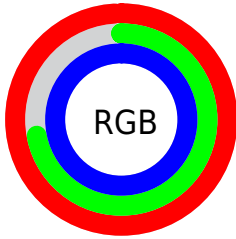
Format	Color
R _Y B	253, 184, 253
Decimal	16627965
CIE Lab	83.00, 35.88, -24.26
CIE LCh	83, 43.310, 325.934
Yxy	62.1629, 0.3159, 0.2609
Android (android.graphics.Color)	4294818045 (0xFFFD8FD)
YUV	212.4970, 19.9680, 35.5211
Hunter-Lab	78.8435, 32.4448, -20.6417

Details

The CIELCh color $83, 43.310, 325.934$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $93, 43.303, 142.556$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 8.725, 324.710$, and $63, 43.332, 326.246$ is the 20% darker color. If you saturate the color by 10%, you get $78, 58.780, 326.457$, and if you desaturate by 10%, it is $89, 27.436, 325.386$.

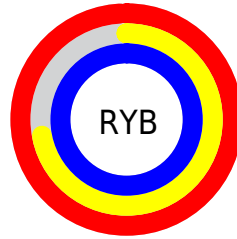
Distribution



Red (99%)

Green (72%)

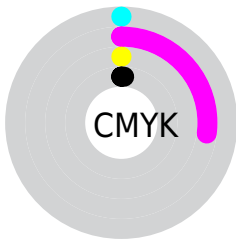
Blue (99%)



Red (99%)

Yellow (72%)

Blue (99%)

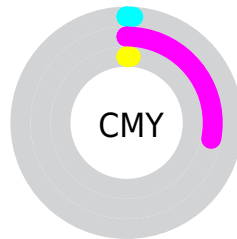


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (1%)



Cyan (1%)


Magenta (28%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 43.310, 325.934 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, 43.310, 325.934 by changing the saturation by 10% instead.


 83, 43.310,
325.934


 83, 43.310,
325.934


 100, 43.310,
325.934


 73, 43.310,
325.934

 63, 43.310,
325.934

 53, 43.310,
325.934

 43, 43.310,
325.934

 33, 43.310,
325.934

 23, 43.310,
325.934

 13, 43.310,

325.934

■ 3, 43.310, 325.934

■ 0, 43.310, 325.934

■ 83, 43.310,
325.934

■ 83, 43.310,
325.934

■ 78, 58.780,
326.457

■ 89, 27.436,
325.386

■ 73, 73.392,
326.939

■ 95, 11.509,
324.817

■ 69, 86.569,
327.363

100, 1.317,
144.629

■ 65, 97.686,
327.711

100, 1.317,
144.625

■ 62, 106.177,

100, 1.317,

327.972

144.620

■ 61, 111.710,
328.139

100, 1.317,
144.616

■ 60, 114.378,
328.219

100, 1.317,
144.612

■ 60, 114.831,
328.232

100, 1.317,
144.608

100, 1.317,
144.603

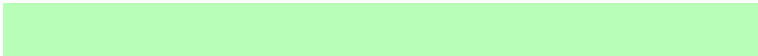
Harmonies

Complementary

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



83, 43.310, 325.934



93, 43.303, 142.556

Rectangle

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



83, 43.310, 325.934



83, 43.310, 15.934



83, 43.310, 145.934



83, 43.310, 195.934

Sweetspot

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



83, 43.307, 325.934



95, 12.733, 324.859



77, 36.449, 292.866



50, 9.057, 324.947



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, 43.307, 325.934



80, 52.585, 326.238



82, 31.232, 345.240



50, 9.057, 324.947



45, 93.083, 328.232



12, 42.823, 328.232

Inverse Universe

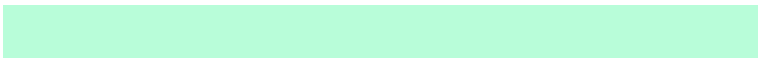
The Inverse Universe completely reimagines the original color for something new.



81, 26.854, 21.619



78, 33.410, 22.336



94, 30.269, 160.271



49, 5.254, 19.942



40, 84.229, 40.000



10, 33.367, 27.176

Previews

White Background



This preview shows how the CIELCh color 83, 43.310, 325.934 looks on a white background.

Color Contrast Check

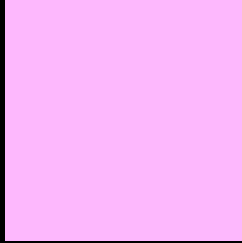
Large Text (above 18pt) WCAG AA × Fail

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, 43.310, 325.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

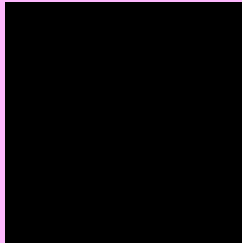
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 43.310, 325.934

Background



This preview shows how black text looks on a background with the CIELCh color 83, 43.310, 325.934.

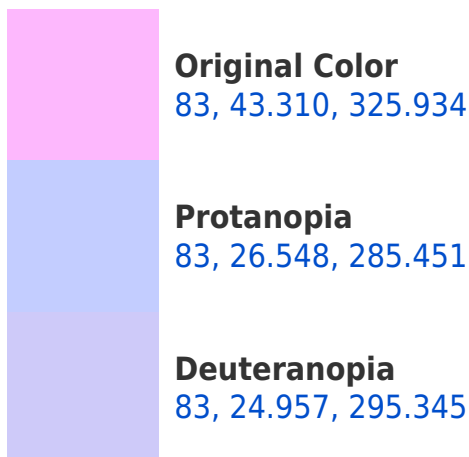


This preview shows how white text looks on a background with the CIELCh color 83, 43.310, 325.934.

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
83, 21.918, 0.216

Trichromacy



Original Color
83, 43.310, 325.934



Protanomaly
83, 30.988, 304.431



Deuteranomaly
83, 30.777, 310.422

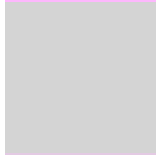


Tritanomaly
83, 28.398, 341.400

Monochromacy



Original Color
83, 43.310, 325.934



Achromatopsia
85, 0.010, 296.813



Achromatomaly
84, 15.977, 325.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 43.310, 325.934 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(253, 184, 253)` looks like.

```
.text, #text, p{  
    color:rgb(253, 184, 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(253, 184, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 184, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 43.310, 325.934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

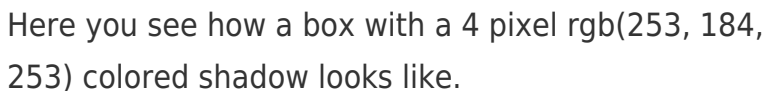
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 184, 253) }
```

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

```
.border{ border-color:rgb(253, 184, 253) }
```

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



Here you see how a box with a 4 pixel rgb(253, 184, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 184, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 184, 253);  
box-shadow:4px 4px 4px 4px rgb(253, 184,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 43.310, 325.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 184, 253) }
```

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

```
.background{ background-color: rgb(253,  
184, 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