

Converting Colors

CIELCh(83, 42.454, 325.891)

Have a look what the booklet for
CIELCh(83, 42.454, 325.891)
contains.

CIELCh(83, 42.718, 325.918)	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, 42.718, 325.918)

Conversions

Conversions Part 1

Format	Color
Hex	FCB8FC
RGB	252, 184, 252
RGB Percent	99%, 72%, 99%
CMY	0.0108, 0.2775, 0.0108
CMYK	0.00, 0.27, 0.00, 0.01
HSL	300°, 93%, 86%
HSV	300°, 27%, 99%
XYZ	75.0325, 62.1629, 100.3426
YIQ	212.0840, 18.7000, 35.5640

Conversions

Conversions Part 2

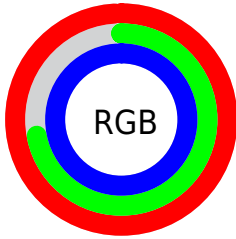
Format	Color
R _Y B	252, 184, 252
Decimal	16562428
CIE Lab	83.00, 35.38, -23.94
CIE LCh	83, 42.718, 325.918
Yxy	62.1629, 0.3159, 0.2617
Android (android.graphics.Color)	4294752508 (0xFFFCB8FC)
YUV	212.0840, 19.6786, 35.0063
Hunter-Lab	78.8435, 31.8960, -20.2668

Details

The CIELCh color $83, 42.718, 325.918$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $93, 42.710, 142.585$, 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 $63, 42.727, 326.228$ is the 20% darker color. If you saturate the color by 10%, you get $78, 58.177, 326.442$, and if you desaturate by 10%, it is $89, 26.869, 325.369$.

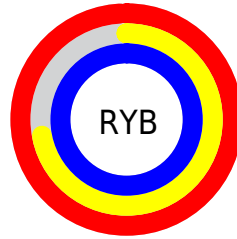
Distribution



Red (99%)

Green (72%)

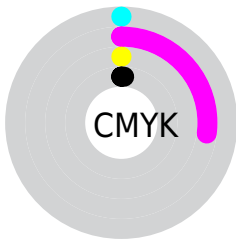
Blue (99%)



Red (99%)

Yellow (72%)

Blue (99%)

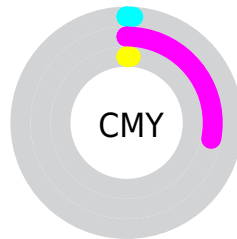


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (1%)



Cyan (1%)


Magenta (28%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 42.718, 325.918 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, 42.718, 325.918 by changing the saturation by 10% instead.


 83, 42.718,
325.918


 83, 42.718,
325.918


 100, 42.718,
325.918


 73, 42.718,
325.918

 63, 42.718,
325.918

 53, 42.718,
325.918

 43, 42.718,
325.918

 33, 42.718,
325.918

 23, 42.718,
325.918

 13, 42.718,

325.918

■ 3, 42.718, 325.918

■ 0, 42.718, 325.918

■ 83, 42.718,
325.918

■ 83, 42.718,
325.918

■ 78, 58.177,
326.442

■ 89, 26.869,
325.369

■ 73, 72.797,
326.926

■ 95, 10.976,
324.799

■ 68, 86.005,
327.352

■ 100, 1.696,
144.567

■ 65, 97.177,
327.703


■ 100, 1.696,
144.578


■ 62, 105.745,


■ 100, 1.695,


327.967


144.588


 61, 111.367,
328.137


 100, 1.695,
144.598

 60, 114.110,
328.219

 100, 1.694,
144.608

 60, 114.617,
328.234

 100, 1.694,
144.619

 100, 1.693,
144.629

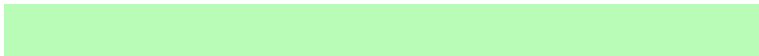
Harmonies

Complementary

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



83, 42.718, 325.918



93, 42.710, 142.585

Rectangle

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



83, 42.718, 325.918



83, 42.718, 15.918



83, 42.718, 145.918



83, 42.718, 195.918

Sweetspot

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



83, 42.715, 325.918



95, 12.732, 324.861



77, 36.570, 293.450



50, 9.056, 324.948



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, 42.715, 325.918



81, 51.025, 326.187



82, 30.485, 346.139



49, 8.908, 324.947



45, 92.153, 328.234



12, 41.694, 328.234

Inverse Universe

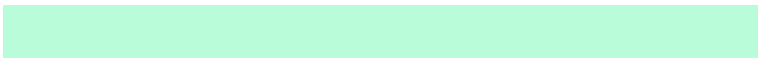
The Inverse Universe completely reimagines the original color for something new.



83, 42.715, 325.918



81, 51.025, 326.187



94, 29.474, 161.166



49, 8.908, 324.947



45, 92.153, 328.234



12, 41.694, 328.234

Previews

White Background



This preview shows how the CIELCh color 83, 42.718, 325.918 looks on a white background.

Color Contrast Check

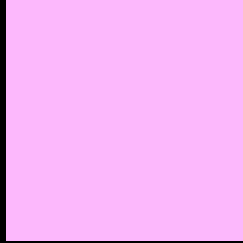
Large Text (above 18pt) WCAG AA × Fail

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, 42.718, 325.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

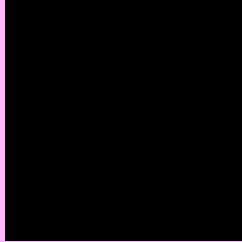
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 42.718, 325.918

Background



This preview shows how black text looks on a background with the CIELCh color 83, 42.718, 325.918.



This preview shows how white text looks on a background with the CIELCh color 83, 42.718, 325.918.

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, 21.194, 359.390

Trichromacy



Original Color
83, 42.718, 325.918



Protanomaly
83, 30.988, 304.431



Deuteranomaly
83, 30.153, 310.095



Tritanomaly
83, 27.516, 341.190

Monochromacy



Original Color
83, 42.718, 325.918



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, 42.718, 325.918 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(252, 184, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 184, 252)  
}
```

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(252, 184, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 184, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 42.718, 325.918 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(252, 184, 252) }
```

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

```
.border{ border-color:rgb(252, 184, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 184, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 184, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 184, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 184,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 42.718, 325.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 184, 252) }
```

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

```
.background{ background-color: rgb(252,  
184, 252) }
```

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