

Converting Colors

CIELCh(82, 44.587, 325.980)

Have a look what the booklet for
CIELCh(82, 44.587, 325.980)
contains.

CIELCh(82, 44.617, 325.988)	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(82, 44.617, 325.988)

Conversions

Conversions Part 1

Format	Color
Hex	FBB4FB
RGB	251, 180, 251
RGB Percent	98%, 71%, 98%
CMY	0.0145, 0.2930, 0.0146
CMYK	0.00, 0.28, 0.00, 0.01
HSL	300°, 91%, 85%
HSV	300°, 28%, 99%
XYZ	73.7216, 60.2982, 99.2559
YIQ	209.3230, 19.5250, 37.1330

Conversions

Conversions Part 2

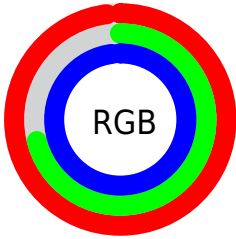
Format	Color
R _Y B	251, 180, 251
Decimal	16495867
CIE Lab	82.00, 36.98, -24.96
CIE LCh	82, 44.617, 325.988
Yxy	60.2982, 0.3160, 0.2585
Android (android.graphics.Color)	4294685947 (0xFFFBB4FB)
YUV	209.3230, 20.5468, 36.5507
Hunter-Lab	77.6519, 33.5746, -21.4291

Details

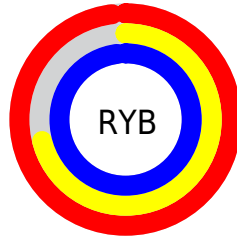
The CIELCh color $82, 44.617, 325.988$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $93, 44.615, 142.474$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 11.228, 324.804$, and $62, 44.684, 326.315$ is the 20% darker color. If you saturate the color by 10%, you get $77, 59.948, 326.508$, and if you desaturate by 10%, it is $88, 28.845, 325.442$.

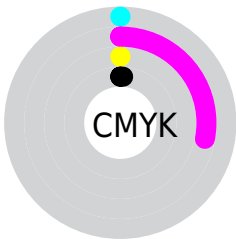
Distribution



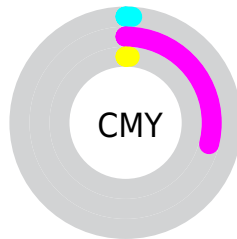
- Red (98%)
- Green (71%)
- Blue (98%)



- Red (98%)
- Yellow (71%)
- Blue (98%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (1%)



- Cyan (1%)
- Magenta (29%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 44.617, 325.988 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 82, 44.617, 325.988 by changing the saturation by 10% instead.

 82, 44.617,
325.988

 82, 44.617,
325.988

 100, 44.617,
325.988

 72, 44.617,
325.988

 62, 44.617,
325.988

 52, 44.617,
325.988

 42, 44.617,
325.988

 32, 44.617,
325.988

 22, 44.617,
325.988

 12, 44.617,

325.988

■ 2, 44.617, 325.988

■ 0, 44.617, 325.988

■ 82, 44.617,
325.988

■ 82, 44.617,
325.988

■ 77, 59.948,
326.508

■ 88, 28.845,
325.442

■ 72, 74.375,
326.985

■ 94, 12.992,
324.876

■ 68, 87.316,
327.402

■ 100, 2.291,
144.498

■ 64, 98.148,
327.743


■ 100, 2.290,
144.509


■ 62, 106.325,


■ 100, 2.289,


327.994


144.521


 60, 111.547,
328.153


 100, 2.289,
144.532

 60, 113.994,
328.226

 100, 2.288,
144.544

 59, 114.285,
328.235

 100, 2.287,
144.555

 100, 2.287,
144.567

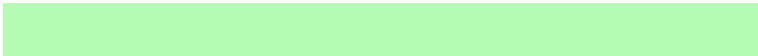
Harmonies

Complementary

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



82, 44.617, 325.988



93, 44.615, 142.474

Rectangle

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



82, 44.617, 325.988



82, 44.617, 15.988



82, 44.617, 145.988



82, 44.617, 195.988

Sweetspot

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



82, 44.614, 325.988



95, 12.732, 324.861



76, 38.319, 293.647



50, 9.056, 324.949



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 44.614, 325.988



80, 54.135, 326.292



81, 31.873, 346.281



49, 8.907, 324.947



45, 92.152, 328.235



12, 41.694, 328.235

Inverse Universe

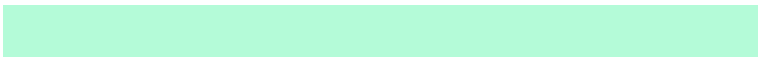
The Inverse Universe completely reimagines the original color for something new.



82, 44.614, 325.988



80, 54.135, 326.292



93, 30.769, 161.026



49, 8.907, 324.947



45, 92.152, 328.235



12, 41.694, 328.235

Previews

White Background



This preview shows how the CIELCh color 82, 44.617, 325.988 looks on a white background.

Color Contrast Check

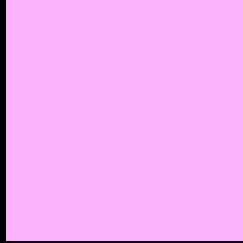
Large Text (above 18pt) WCAG AA × Fail

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 82, 44.617, 325.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

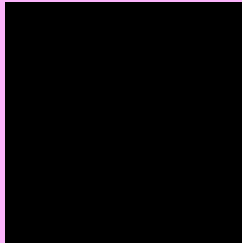
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 44.617, 325.988

Background



This preview shows how black text looks on a background with the CIELCh color 82, 44.617, 325.988.



This preview shows how white text looks on a background with the CIELCh color 82, 44.617, 325.988.

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
82, 44.617, 325.988

Protanopia
82, 28.219, 285.423

Deuteranopia
82, 25.496, 293.852



Tritanopia
82, 22.334, 0.640

Trichromacy



Original Color
82, 44.617, 325.988



Protanomaly
82, 32.620, 303.939



Deuteranomaly
82, 31.233, 309.538

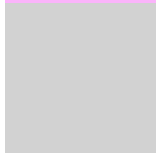


Tritanomaly
82, 28.740, 341.939

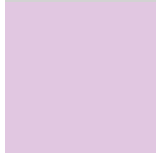
Monochromacy



Original Color
82, 44.617, 325.988



Achromatopsia
84, 0.010, 296.813



Achromatomaly
83, 16.648, 325.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 44.617, 325.988 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, 180, 251)` looks like.

```
.text, #text, p{  
    color:rgb(251, 180, 251)  
}
```

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, 180, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 180, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 44.617, 325.988 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, 180, 251) }
```

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

```
.border{ border-color:rgb(251, 180, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 180, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 180, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 180, 251);  
box-shadow:4px 4px 4px 4px rgb(251, 180,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 44.617, 325.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 180, 251) }
```

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

```
.background{ background-color: rgb(251,  
180, 251) }
```

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