

Converting Colors

CIELCh(85, 34.865, 321.185)

Have a look what the booklet for
CIELCh(85, 34.865, 321.185)
contains.

CIELCh(85, 34.892, 321.189)	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(85, 34.892, 321.189)

Conversions

Conversions Part 1

Format	Color
Hex	F5C4FE
RGB	245, 196, 254
RGB Percent	96%, 77%, 100%
CMY	0.0394, 0.2316, 0.0042
CMYK	0.04, 0.23, 0.00, 0.00
HSL	291°, 96%, 88%
HSV	291°, 23%, 100%
XYZ	75.2415, 66.0070, 102.4902
YIQ	217.2630, 10.5860, 28.4260

Conversions

Conversions Part 2

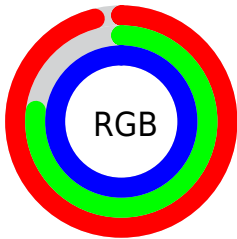
Format	Color
R _Y B	245, 196, 254
Decimal	16106750
CIE Lab	85.00, 27.19, -21.87
CIE LCh	85, 34.892, 321.189
Yxy	66.0070, 0.3087, 0.2708
Android (android.graphics.Color)	4294296830 (0xFFFF5C4FE)
YUV	217.2630, 18.1113, 24.3253
Hunter-Lab	81.2447, 23.1323, -17.9230

Details

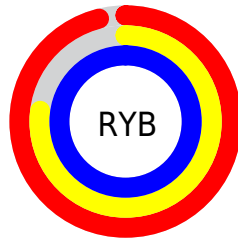
The CIELCh color **85, 34.892, 321.189** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 34.607, 138.909**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.250, 324.238**, and **65, 34.679, 321.149** is the 20% darker color. If you saturate the color by 10%, you get **79, 50.230, 321.645**, and if you desaturate by 10%, it is **91, 19.500, 320.716**.

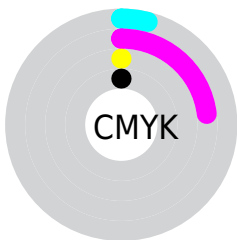
Distribution



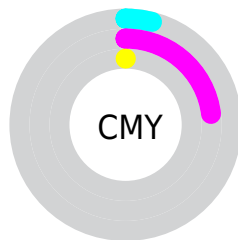
- Red (96%)
- Green (77%)
- Blue (100%)



- Red (96%)
- Yellow (77%)
- Blue (100%)



- Cyan (4%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 34.892, 321.189 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 85, 34.892, 321.189 by changing the saturation by 10% instead.


 85, 34.892,
321.189

 85, 34.892,
321.189


 100, 34.892,
321.189

 75, 34.892,
321.189


 65, 34.892,
321.189

 55, 34.892,
321.189

 45, 34.892,
321.189

 35, 34.892,
321.189

 25, 34.892,
321.189

 15, 34.892,

321.189

■ 5, 34.892, 321.189

■ 0, 34.892, 321.189

■ 85, 34.892,
321.189

■ 85, 34.892,
321.189

■ 79, 50.230,
321.645

■ 91, 19.500,
320.716

■ 73, 65.194,
322.065

■ 98, 4.279, 320.203

■ 68, 79.319,
322.421

100, 0.526,
109.991

■ 63, 92.005,
322.679

■ 59, 102.564,

322.800

■ 56, 110.356,
322.747

■ 54, 115.019,
322.490

■ 54, 116.732,
322.197

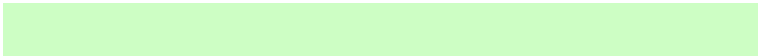
Harmonies

Complementary

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



85, 34.892, 321.189



95, 34.607, 138.909

Rectangle

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



85, 34.892, 321.189



85, 34.892, 11.189



85, 34.892, 141.189



85, 34.892, 191.189

Sweetspot

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



85, 34.889, 321.189



95, 10.620, 320.432



83, 25.651, 285.342



50, 6.904, 320.462



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 34.889, 321.189



83, 41.436, 321.382



85, 28.923, 337.355



50, 8.643, 320.556



40, 94.286, 322.294



10, 43.279, 322.979

Inverse Universe

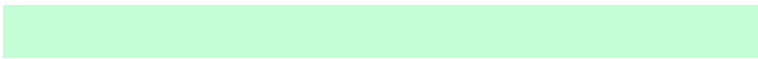
The Inverse Universe completely reimagines the original color for something new.



84, 22.266, 9.058



82, 26.706, 9.613



95, 28.597, 153.852



50, 5.354, 7.527



40, 77.212, 32.743



10, 32.249, 20.798

Previews

White Background



This preview shows how the CIELCh color 85, 34.892, 321.189 looks on a white background.

Color Contrast Check

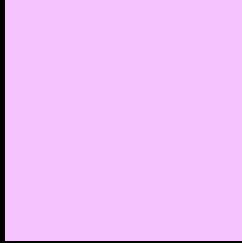
Large Text (above 18pt) WCAG AA × Fail

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 85, 34.892, 321.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

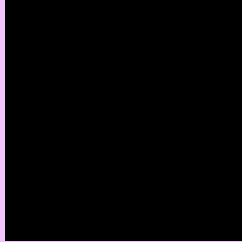
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

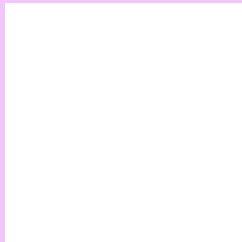
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 34.892, 321.189

Background



This preview shows how black text looks on a background with the CIELCh color 85, 34.892, 321.189.

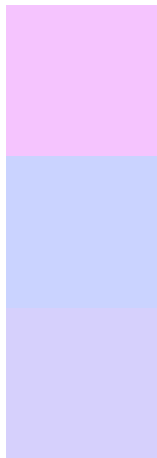


This preview shows how white text looks on a background with the CIELCh color 85, 34.892, 321.189.

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
85, 34.892, 321.189

Protanopia
85, 23.261, 284.857

Deuteranopia
85, 23.305, 297.038



Tritanopia
85, 16.226, 349.588

Trichromacy



Original Color
85, 34.892, 321.189



Protanomaly
85, 26.208, 301.082



Deuteranomaly
85, 26.886, 307.535

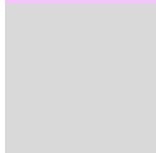


Tritanomaly
85, 22.173, 333.946

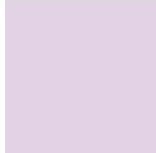
Monochromacy



Original Color
85, 34.892, 321.189



Achromatopsia
87, 0.010, 296.813



Achromatomaly
86, 12.808, 320.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 34.892, 321.189 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(245, 196, 254)` looks like.

```
.text, #text, p{  
    color:rgb(245, 196, 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(245, 196, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 196, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 34.892, 321.189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

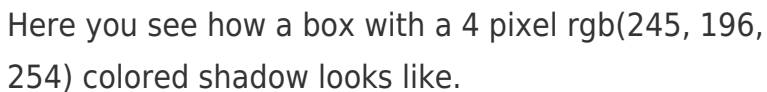
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 196, 254) }
```

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

```
.border{ border-color:rgb(245, 196, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 196, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 196, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 196, 254); box-shadow:4px 4px 4px 4px rgb(245, 196, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 34.892, 321.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 196, 254) }
```

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

```
.background{ background-color: rgb(245,  
196, 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](#).

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