

Converting Colors

CIELCh(86, 52.225, 309.971)

Have a look what the booklet for
CIELCh(86, 52.225, 309.971)
contains.

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Color

CIELCh(85, 34.748, 318.696)

Conversions

Conversions Part 1

Format	Color
Hex	F2C5FF
RGB	242, 197, 255
RGB Percent	95%, 77%, 100%
CMY	0.0514, 0.2280, 0.0000
CMYK	0.05, 0.23, 0.00, 0.00
HSL	286°, 100%, 89%
HSV	286°, 23%, 100%
XYZ	74.7132, 66.0070, 104.1729
YIQ	217.0670, 8.2020, 27.5780

Conversions

Conversions Part 2

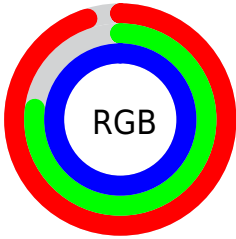
Format	Color
R _Y B	242, 197, 255
Decimal	15910399
CIE Lab	85.00, 26.10, -22.94
CIE LCh	85, 34.748, 318.696
Yxy	66.0070, 0.3051, 0.2695
Android (android.graphics.Color)	4294100479 (0xFFFF2C5FF)
YUV	217.0670, 18.7010, 21.8662
Hunter-Lab	81.2447, 21.9715, -19.1510

Details

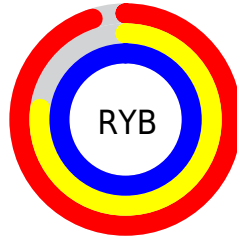
The CIELCh color $85, 34.748, 318.696$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $96, 33.910, 136.918$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.630, 323.973$, and $65, 34.052, 318.912$ is the 20% darker color. If you saturate the color by 10%, you get $79, 49.563, 319.491$, and if you desaturate by 10%, it is $91, 19.131, 318.597$.

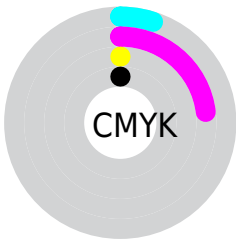
Distribution



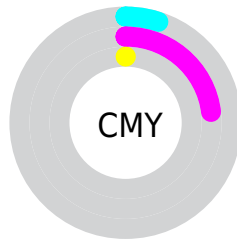
- Red (95%)
- Green (77%)
- Blue (100%)



- Red (95%)
- Yellow (77%)
- Blue (100%)



- Cyan (5%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 34.748, 318.696 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, 34.748, 318.696 by changing the saturation by 10% instead.

 85, 34.748,
318.696


 85, 34.748,
318.696


 100, 34.748,
318.696


 75, 34.748,
318.696

 65, 34.748,
318.696

 55, 34.748,
318.696

 45, 34.748,
318.696

 35, 34.748,
318.696

 25, 34.748,
318.696

 15, 34.748,

318.696

■ 5, 34.748, 318.696

■ 0, 34.748, 318.696

■ 85, 34.748,
318.696

■ 85, 34.748,
318.696

■ 79, 49.563,
319.491

■ 91, 19.131,
318.597

■ 73, 64.536,
319.899

■ 98, 4.147, 318.111

■ 67, 78.822,
320.243

100, 0.012,
296.813

■ 62, 91.835,
320.483

■ 58, 102.862,

320.569

■ 54, 111.186,
320.449

■ 52, 116.324,
320.079

■ 51, 118.306,
319.672

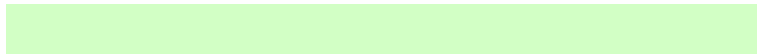
Harmonies

Complementary

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



85, 34.748, 318.696



96, 33.910, 136.918

Rectangle

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



85, 34.748, 318.696



85, 34.748, 8.696



85, 34.748, 138.696



85, 34.748, 188.696

Sweetspot

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



85, 34.331, 319.050



95, 10.409, 318.330



85, 23.757, 281.482



50, 6.767, 318.358



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, 34.331, 319.050



82, 40.743, 319.238



86, 30.341, 334.535



50, 8.474, 318.446



38, 95.230, 319.807



9, 43.630, 320.749

Inverse Universe

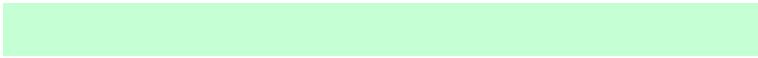
The Inverse Universe completely reimagines the original color for something new.



85, 22.681, 3.747



82, 27.102, 4.312



95, 30.124, 151.248



50, 5.480, 2.183



40, 73.730, 27.637



10, 31.837, 17.403

Previews

White Background



This preview shows how the CIELCh color 85, 34.748, 318.696 looks on a white background.

Color Contrast Check

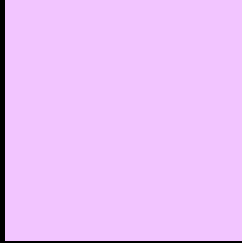
Large Text (above 18pt) WCAG AA × Fail

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, 34.748, 318.696 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, 34.748, 318.696

Background



This preview shows how black text looks on a background with the CIELCh color 85, 34.748, 318.696.

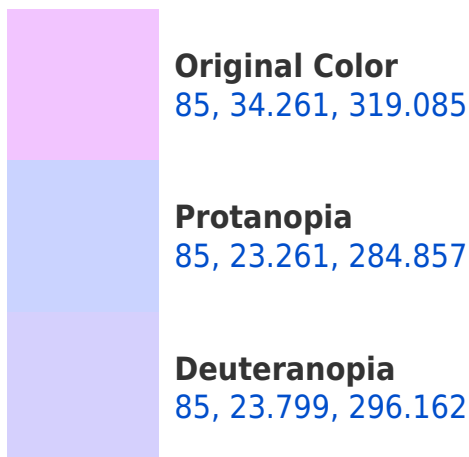


This preview shows how white text looks on a background with the CIELCh color 85, 34.748, 318.696.

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
85, 14.975, 346.508

Trichromacy



Original Color
85, 34.261, 319.085



Protanomaly
85, 26.158, 300.356



Deuteranomaly
85, 27.307, 306.566

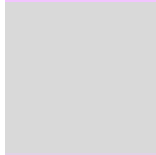


Tritanomaly
85, 21.226, 330.959

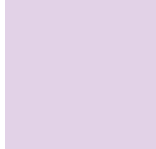
Monochromacy



Original Color
85, 34.261, 319.085



Achromatopsia
87, 0.010, 296.813



Achromatomaly
86, 12.457, 318.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 34.748, 318.696 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(242, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 197, 255)  
}
```

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(242, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 197, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 34.748, 318.696 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(242, 197, 255) }
```

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

```
.border{ border-color:rgb(242, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 197,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 34.748, 318.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 197, 255) }
```

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

```
.background{ background-color: rgb(242,  
197, 255) }
```

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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