

Converting Colors

CIELCh(87, 44.414, 316.512)

Have a look what the booklet for
CIELCh(87, 44.414, 316.512)
contains.

CIELCh(86, 34.593, 324.129)	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(86, 34.593, 324.129)

Conversions

Conversions Part 1

Format	Color
Hex	FBC6FE
RGB	251, 198, 254
RGB Percent	98%, 78%, 100%
CMY	0.0162, 0.2238, 0.0044
CMYK	0.01, 0.22, 0.00, 0.00
HSL	297°, 96%, 89%
HSV	297°, 22%, 100%
XYZ	77.7848, 67.9871, 102.6874
YIQ	220.2310, 13.6120, 28.6520

Conversions

Conversions Part 2

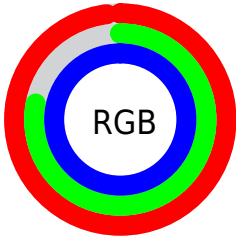
Format	Color
R _Y B	251, 198, 254
Decimal	16500478
CIE Lab	86.00, 28.03, -20.27
CIE LCh	86, 34.593, 324.129
Yxy	67.9871, 0.3131, 0.2736
Android (android.graphics.Color)	4294690558 (0xFFFBBC6FE)
YUV	220.2310, 16.6481, 26.9844
Hunter-Lab	82.4543, 24.0964, -16.1209

Details

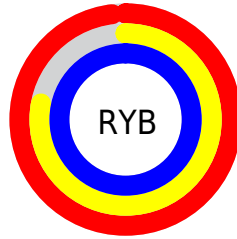
The CIELCh color **86, 34.593, 324.129** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 34.493, 141.653**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 34.346, 324.273** is the 20% darker color. If you saturate the color by 10%, you get **80, 50.215, 324.633**, and if you desaturate by 10%, it is **92, 18.823, 323.606**.

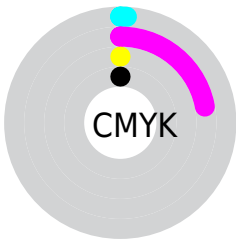
Distribution



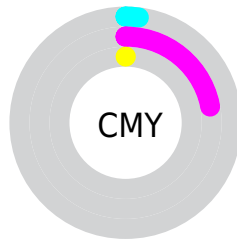
- Red (98%)
- Green (78%)
- Blue (100%)



- Red (98%)
- Yellow (78%)
- Blue (100%)



- Cyan (1%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 34.593, 324.129 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 86, 34.593, 324.129 by changing the saturation by 10% instead.


 86, 34.593,
324.129

 86, 34.593,
324.129


 100, 34.593,
324.129


 76, 34.593,
324.129

 66, 34.593,
324.129

 56, 34.593,
324.129

 46, 34.593,
324.129

 36, 34.593,
324.129

 26, 34.593,
324.129

 16, 34.593,

324.129

■ 6, 34.593, 324.129

■ 0, 34.593, 324.129

■ 86, 34.593,
324.129

■ 86, 34.593,
324.129

■ 80, 50.215,
324.633

■ 92, 18.823,
323.606

■ 75, 65.325,
325.102

■ 98, 3.171, 323.011

■ 70, 79.422,
325.517

100, 0.557,
111.233

■ 66, 91.898,
325.853

100, 0.557,
109.997

■ 62, 102.108,

326.086

■ 60, 109.514,
326.199

■ 58, 113.876,
326.181

■ 58, 115.523,
326.087

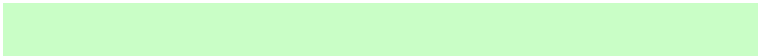
Harmonies

Complementary

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



86, 34.593, 324.129



95, 34.493, 141.653

Rectangle

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



86, 34.593, 324.129



86, 34.593, 14.129



86, 34.593, 144.129



86, 34.593, 194.129

Sweetspot

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



86, 34.590, 324.129



96, 10.949, 323.333



82, 27.674, 290.044



51, 7.117, 323.367



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 34.590, 324.129



84, 40.961, 324.332



86, 26.069, 342.054



50, 8.908, 323.470



44, 93.352, 326.123



12, 42.928, 326.374

Inverse Universe

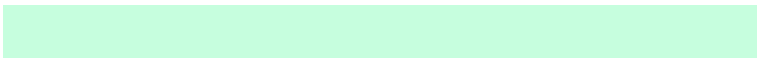
The Inverse Universe completely reimagines the original color for something new.



85, 21.250, 16.859



83, 25.508, 17.328



95, 25.559, 158.349



49, 5.260, 15.600



40, 81.981, 37.972



10, 32.936, 25.019

Previews

White Background



This preview shows how the CIELCh color 86, 34.593, 324.129 looks on a white background.

Color Contrast Check

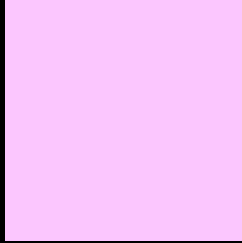
Large Text (above 18pt) WCAG AA × Fail

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 86, 34.593, 324.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

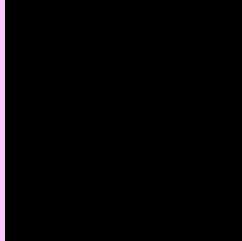
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 34.593, 324.129

Background



This preview shows how black text looks on a background with the CIELCh color 86, 34.593, 324.129.



This preview shows how white text looks on a background with the CIELCh color 86, 34.593, 324.129.

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
86, 34.619, 324.133

Protanopia
86, 21.613, 284.975

Deuteranopia
86, 22.342, 299.776



Tritanopia
86, 17.476, 352.233

Trichromacy



Original Color
86, 34.619, 324.133



Protanomaly
86, 25.247, 302.901



Deuteranomaly
86, 26.237, 311.018

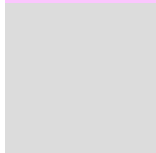


Tritanomaly
86, 22.774, 337.652

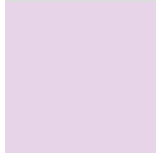
Monochromacy



Original Color
86, 34.619, 324.133



Achromatopsia
88, 0.010, 296.813



Achromatomaly
87, 12.517, 323.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 34.593, 324.129 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, 198, 254)` looks like.

```
.text, #text, p{  
    color:rgb(251, 198, 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(251, 198, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 198, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 34.593, 324.129 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, 198, 254) }
```

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

```
.border{ border-color:rgb(251, 198, 254) }
```

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

Here you see how a box with a 4 pixel rgb(251, 198, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 198, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 198, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 198,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 34.593, 324.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 198, 254) }
```

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

```
.background{ background-color: rgb(251,  
198, 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](#).

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