

Converting Colors

CIELCh(86, 34.983, 325.638)

Have a look what the booklet for
CIELCh(86, 34.983, 325.638)
contains.

CIELCh(86, 35.176, 325.655)	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, 35.176, 325.655)

Conversions

Conversions Part 1

Format	Color
Hex	FDC5FD
RGB	253, 197, 253
RGB Percent	99%, 77%, 99%
CMY	0.0074, 0.2270, 0.0074
CMYK	0.00, 0.22, 0.00, 0.01
HSL	300°, 94%, 88%
HSV	300°, 22%, 99%
XYZ	78.2905, 67.9871, 102.0217
YIQ	220.1280, 15.4000, 29.2880

Conversions

Conversions Part 2

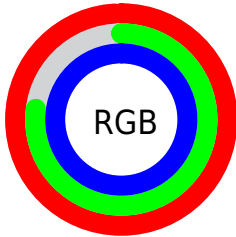
Format	Color
RYB	253, 197, 253
Decimal	16631293
CIELab	86.00, 29.04, -19.85
CIElCh	86, 35.176, 325.655
Yxy	67.9871, 0.3153, 0.2738
Android (android.graphics.Color)	4294821373 (0xFFFD5C5FD)
YUV	220.1280, 16.2059, 28.8287
Hunter-Lab	82.4543, 25.1910, -15.6422

Details

The CIELCh color **86, 35.176, 325.655** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 35.154, 142.983**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.630, 323.973**, and **66, 34.910, 325.900** is the 20% darker color. If you saturate the color by 10%, you get **80, 50.914, 326.193**, and if you desaturate by 10%, it is **92, 19.225, 325.097**.

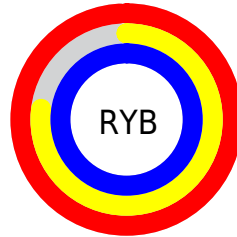
Distribution



Red (99%)

Green (77%)

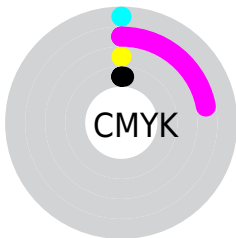
Blue (99%)



Red (99%)

Yellow (77%)

Blue (99%)

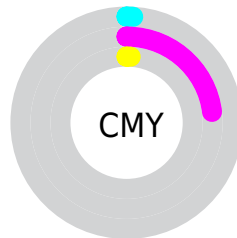


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (1%)



Cyan (1%)


Magenta (23%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 35.176, 325.655 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, 35.176, 325.655 by changing the saturation by 10% instead.


 86, 35.176,
325.655


 86, 35.176,
325.655


 100, 35.176,
325.655


 76, 35.176,
325.655

 66, 35.176,
325.655

 56, 35.176,
325.655

 46, 35.176,
325.655

 36, 35.176,
325.655

 26, 35.176,
325.655

 16, 35.176,

325.655

■ 6, 35.176, 325.655

■ 0, 35.176, 325.655

■ 86, 35.176,
325.655

■ 86, 35.176,
325.655

■ 80, 50.914,
326.193

■ 92, 19.225,
325.097

■ 75, 66.048,
326.698

■ 98, 3.353, 324.469

■ 71, 80.053,
327.154

■ 100, 1.155,
144.680


■ 67, 92.320,
327.544


■ 100, 1.155,
144.695

■ 64, 102.232,

■ 100, 1.155,
144.710

327.851 100, 1.154,
144.725

 62, 109.316,
328.066 100, 1.154,
144.740

 60, 113.415,
328.189 100, 1.153,
144.754

 60, 114.917,
328.234 100, 1.153,
144.769

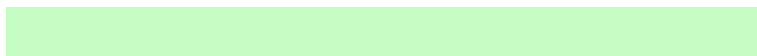
Harmonies

Complementary

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



86, 35.176, 325.655



94, 35.154, 142.983

Rectangle

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



86, 35.176, 325.655



86, 35.176, 15.655



86, 35.176, 145.655



86, 35.176, 195.655

Sweetspot

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



86, 35.173, 325.655



96, 11.134, 324.802



81, 29.785, 292.752



51, 7.237, 324.838



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, 35.173, 325.655



84, 43.153, 325.921



85, 25.009, 345.629



50, 9.056, 324.948



45, 93.080, 328.234



12, 42.821, 328.234

Inverse Universe

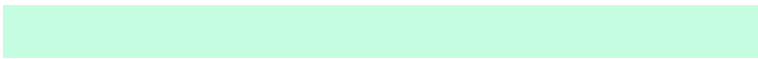
The Inverse Universe completely reimagines the original color for something new.



86, 35.173, 325.655



84, 43.153, 325.921



95, 24.321, 161.673



50, 9.056, 324.948



45, 93.080, 328.234



12, 42.821, 328.234

Previews

White Background



This preview shows how the CIELCh color 86, 35.176, 325.655 looks on a white background.

Color Contrast Check

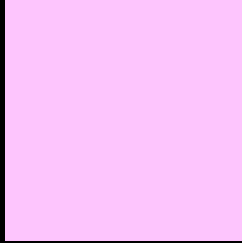
Large Text (above 18pt) WCAG AA × Fail

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, 35.176, 325.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

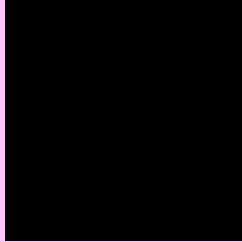
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 35.176, 325.655

Background



This preview shows how black text looks on a background with the CIELCh color 86, 35.176, 325.655.

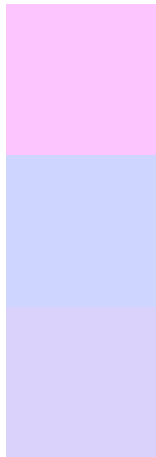


This preview shows how white text looks on a background with the CIELCh color 86, 35.176, 325.655.

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, 35.176, 325.655

Protanopia

86, 21.613, 284.975

Deuteranopia

86, 21.823, 299.937



Tritanopia
86, 18.474, 354.007

Trichromacy



Original Color
86, 35.176, 325.655



Protanomaly
86, 24.800, 303.877



Deuteranomaly
86, 26.369, 311.735

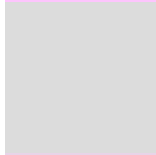


Tritanomaly
86, 23.578, 339.585

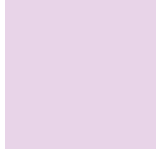
Monochromacy



Original Color
86, 35.176, 325.655



Achromatopsia
88, 0.010, 296.813



Achromatomaly
87, 12.713, 324.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 35.176, 325.655 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(253, 197, 253)` looks like.

```
.text, #text, p{  
    color:rgb(253, 197, 253)  
}
```

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(253, 197, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 197, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 35.176, 325.655 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(253, 197, 253) }
```

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

```
.border{ border-color:rgb(253, 197, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 197, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 197, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 197, 253);  
box-shadow:4px 4px 4px 4px rgb(253, 197,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 35.176, 325.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 197, 253) }
```

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

```
.background{ background-color: rgb(253,  
197, 253) }
```

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