

Converting Colors

CIELCh(86, 34.564, 326.066)

Have a look what the booklet for
CIELCh(86, 34.564, 326.066)
contains.

CIELCh(86, 34.756, 326.143)	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, 34.756, 326.143)

Conversions

Conversions Part 1

Format	Color
Hex	FDC5FC
RGB	253, 197, 252
RGB Percent	99%, 77%, 99%
CMY	0.0070, 0.2266, 0.0109
CMYK	0.00, 0.22, 0.00, 0.01
HSL	301°, 94%, 88%
HSV	301°, 22%, 99%
XYZ	78.1999, 67.9871, 101.2696
YIQ	220.0140, 15.7210, 28.9770

Conversions

Conversions Part 2

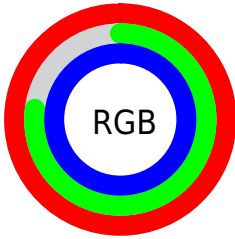
Format	Color
R _Y B	253, 197, 252
Decimal	16631292
CIE Lab	86.00, 28.86, -19.36
CIE LCh	86, 34.756, 326.143
Yxy	67.9871, 0.3160, 0.2747
Android (android.graphics.Color)	4294821372 (0xFFFDC5FC)
YUV	220.0140, 15.7691, 28.9287
Hunter-Lab	82.4543, 24.9949, -15.1014

Details

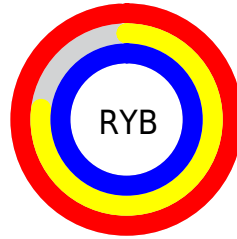
The CIELCh color $86, 34.756, 326.143$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $94, 34.731, 143.454$, and the grayscale version is $88, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.630, 323.973$, and $66, 34.471, 326.420$ is the 20% darker color. If you saturate the color by 10%, you get $80, 50.315, 326.690$, and if you desaturate by 10%, it is $92, 18.989, 325.579$.

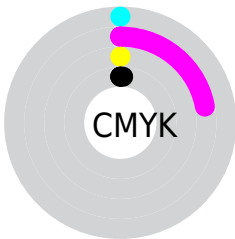
Distribution



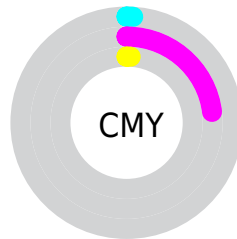
- Red (99%)
- Green (77%)
- Blue (99%)



- 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, 34.756, 326.143 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, 34.756, 326.143 by changing the saturation by 10% instead.


 86, 34.756,
326.143


 86, 34.756,
326.143


 100, 34.756,
326.143


 76, 34.756,
326.143

 66, 34.756,
326.143

 56, 34.756,
326.143

 46, 34.756,
326.143

 36, 34.756,
326.143

 26, 34.756,
326.143

 16, 34.756,

326.143

■ 6, 34.756, 326.143

■ 0, 34.756, 326.143

■ 86, 34.756,
326.143

■ 86, 34.756,
326.143

■ 80, 50.315,
326.690

■ 92, 18.989,
325.579

■ 75, 65.279,
327.208

■ 98, 3.303, 324.944

■ 71, 79.127,
327.682

■ 100, 0.955,
150.862

■ 67, 91.249,
328.096

■ 100, 0.794,
161.737

■ 64, 101.027,

■ 100, 0.676,
177.191

328.437

100, 0.623,
197.063

■ 61, 107.978,
328.696

100, 0.622,
200.432

■ 60, 111.938,
328.874

■ 60, 113.323,
328.970

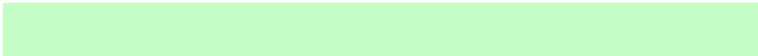
Harmonies

Complementary

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



86, 34.756, 326.143



94, 34.731, 143.454

Rectangle

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



86, 34.756, 326.143



86, 34.756, 16.143



86, 34.756, 146.143



86, 34.756, 196.143

Sweetspot

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



86, 34.753, 326.143



96, 11.000, 325.281



81, 29.790, 293.330



51, 7.150, 325.317



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, 34.753, 326.143



84, 42.640, 326.413



85, 24.751, 346.572



50, 8.948, 325.429



45, 91.785, 328.957



12, 42.297, 328.868

Inverse Universe

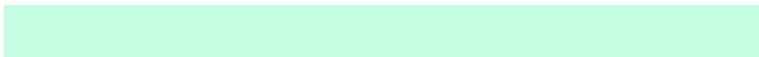
The Inverse Universe completely reimagines the original color for something new.



86, 34.753, 326.143



84, 42.640, 326.413



95, 24.015, 162.560



50, 8.948, 325.429



45, 91.785, 328.957



12, 42.297, 328.868

Previews

White Background



This preview shows how the CIELCh color 86, 34.756, 326.143 looks on a white background.

Color Contrast Check

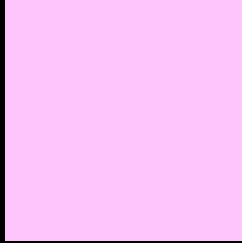
Large Text (above 18pt) WCAG AA × Fail

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, 34.756, 326.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

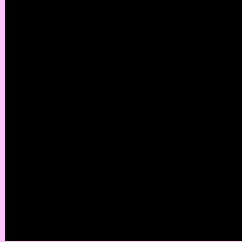
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 34.756, 326.143

Background



This preview shows how black text looks on a background with the CIELCh color 86, 34.756, 326.143.

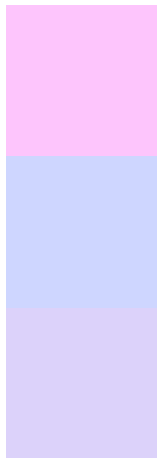


This preview shows how white text looks on a background with the CIELCh color 86, 34.756, 326.143.

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, 34.756, 326.143

Protanopia
86, 21.613, 284.975

Deuteranopia
86, 21.357, 301.009



Tritanopia
86, 18.805, 354.558

Trichromacy



Original Color
86, 34.756, 326.143



Protanomaly
86, 24.800, 303.877



Deuteranomaly
86, 25.997, 312.843

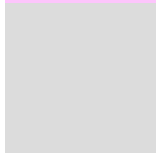


Tritanomaly
86, 23.846, 340.201

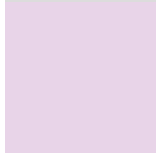
Monochromacy



Original Color
86, 34.756, 326.143



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, 34.756, 326.143 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(253, 197, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 197, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 34.756, 326.143 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, 252) }
```

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

```
.border{ border-color:rgb(253, 197, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 197, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 197, 252);  
box-shadow:4px 4px 4px 4px rgb(253, 197,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 34.756, 326.143 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, 252) }
```

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

```
.background{ background-color: rgb(253,  
197, 252) }
```

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