

Converting Colors

CIELCh(100, 71.360, 2.067)

Have a look what the booklet for
CIELCh(100, 71.360, 2.067) contains.

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Color

CIELCh(86, 36.796, 326.656)

Conversions

Conversions Part 1	
Format	Color
Hex	FFC4FE
RGB	255, 196, 254
RGB Percent	100%, 77%, 100%
CMY	0.0000, 0.2320, 0.0044
CMYK	0.00, 0.23, 0.00, 0.00
HSL	301°, 100%, 88%
HSV	301°, 23%, 100%
XYZ	79.1432, 67.9871, 102.6172
YIQ	220.2530, 16.5460, 30.5460

Conversions

Conversions Part 2

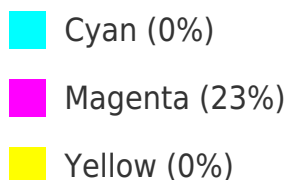
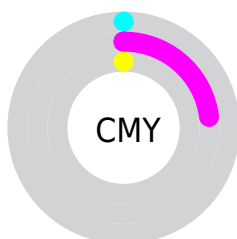
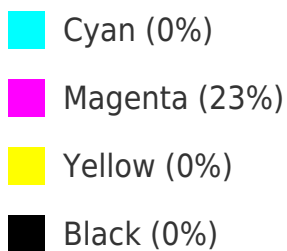
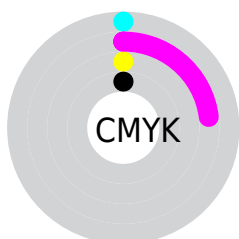
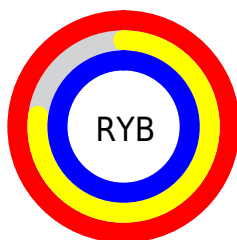
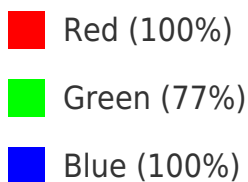
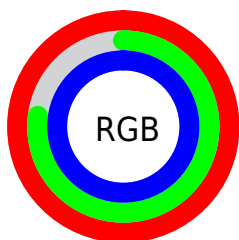
Format	Color
RYB	255, 196, 254
Decimal	16762110
CIELab	86.00, 30.74, -20.23
CIELCh	86, 36.796, 326.656
Yxy	67.9871, 0.3169, 0.2722
Android (android.graphics.Color)	4294952190 (0xFFFFC4FE)
YUV	220.2530, 16.6373, 30.4731
Hunter-Lab	82.4543, 27.0371, -16.0704

Details

The CIELCh color **86, 36.796, 326.656** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 36.609, 143.394**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.250, 324.238**, and **66, 36.364, 326.460** is the 20% darker color. If you saturate the color by 10%, you get **80, 52.227, 326.777**, and if you desaturate by 10%, it is **92, 20.793, 325.669**.


Distribution




Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 36.796, 326.656 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, 36.796, 326.656 by changing the saturation by 10% instead.


 86, 36.796,
326.656


 86, 36.796,
326.656


 100, 36.796,
326.656


 76, 36.796,
326.656

 66, 36.796,
326.656

 56, 36.796,
326.656

 46, 36.796,
326.656

 36, 36.796,
326.656


 26, 36.796,
326.656


 16, 36.796,


326.656


 6, 36.796, 326.656


 0, 36.796, 326.656

 86, 36.796,
326.656


 86, 36.796,
326.656

 80, 52.227,
326.777


 92, 20.793,
325.669


 75, 67.171,
327.292

 98, 5.009, 325.063


 71, 80.930,
327.761


100, 0.012,
296.813


 67, 92.883,
328.170

 64, 102.415,

328.504

 62, 109.066,
328.756

 60, 112.716,
328.929

 60, 113.837,
329.012

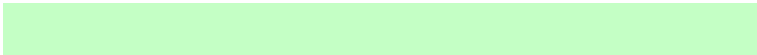
Harmonies

Complementary

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



86, 36.796, 326.656



95, 36.609, 143.394

Rectangle

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



86, 36.796, 326.656



86, 36.796, 16.656



86, 36.796, 146.656



86, 36.796, 196.656

Sweetspot

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



86, 36.630, 326.232



96, 10.993, 325.309



81, 31.493, 293.477



51, 7.145, 325.345



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, 36.630, 326.232



83, 44.175, 326.496



85, 26.128, 346.686



50, 8.942, 325.456



45, 91.713, 328.999



12, 42.268, 328.905

Inverse Universe

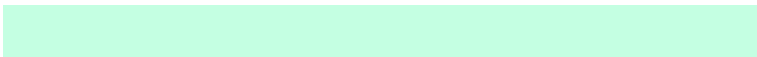
The Inverse Universe completely reimagines the original color for something new.



86, 36.630, 326.232



83, 44.175, 326.496



95, 25.314, 162.447



50, 8.942, 325.456



45, 91.713, 328.999



12, 42.268, 328.905

Previews

White Background



This preview shows how the CIELCh color 86, 36.796, 326.656 looks on a white background.

Color Contrast Check

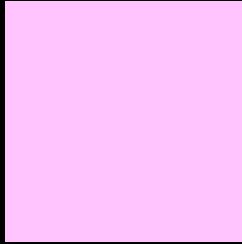
Large Text (above 18pt) WCAG AA × Fail

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, 36.796, 326.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

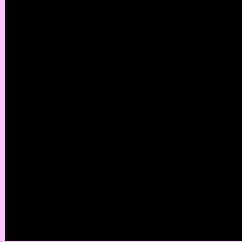
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 36.796, 326.656

Background



This preview shows how black text looks on a background with the CIELCh color 86, 36.796, 326.656.

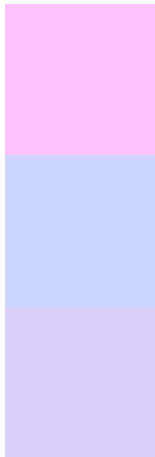


This preview shows how white text looks on a background with the CIELCh color 86, 36.796, 326.656.

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, 36.586, 326.174

Protanopia

86, 21.613, 284.975

Deuteranopia





86, 21.823, 299.937



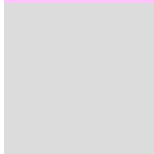
Tritanopia

86, 19.491, 355.616

Trichromacy

	Original Color 86, 36.586, 326.174
	Protanomaly 86, 25.987, 304.913
	Deuteranomaly 86, 26.483, 312.445
	Tritanomaly 86, 24.726, 340.452

Monochromacy

	Original Color 86, 36.586, 326.174
	Achromatopsia 88, 0.010, 296.813
	Achromatomaly 87, 13.554, 326.188

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 86, 36.796, 326.656 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(255, 196, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 196, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 36.796, 326.656 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(255, 196, 254) }
```

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

```
.border{ border-color:rgb(255, 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(255, 196, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 36.796, 326.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 254) }
```

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

```
.background{ background-color: rgb(255,  
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](#).

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