

Converting Colors

CIELCh(92, 103.544, 301.817)

Have a look what the booklet for
CIELCh(92, 103.544, 301.817)
contains.

CIELCh(86, 30.173, 314.130)	3
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Color

CIELCh(86, 30.173, 314.130)

Conversions

Conversions Part 1

Format	Color
Hex	ECCBFF
RGB	236, 203, 255
RGB Percent	93%, 80%, 100%
CMY	0.0735, 0.2031, 0.0000
CMYK	0.07, 0.20, 0.00, 0.00
HSL	278°, 100%, 90%
HSV	278°, 20%, 100%
XYZ	74.3331, 67.9871, 104.8811
YIQ	218.7950, 2.9760, 23.1680

Conversions

Conversions Part 2

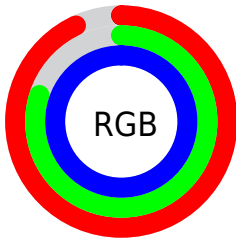
Format	Color
R _Y B	236, 203, 255
Decimal	15518719
CIE Lab	86.00, 21.01, -21.66
CIE LCh	86, 30.173, 314.130
Yxy	67.9871, 0.3007, 0.2750
Android (android.graphics.Color)	4293708799 (0xFFECCBFF)
YUV	218.7950, 17.8491, 15.0888
Hunter-Lab	82.4543, 16.6239, -17.6983

Details

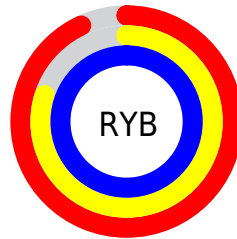
The CIELCh color **86, 30.173, 314.130** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **97, 29.001, 132.829**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 29.421, 314.621** is the 20% darker color. If you saturate the color by 10%, you get **79, 44.506, 315.062**, and if you desaturate by 10%, it is **93, 14.843, 314.156**.

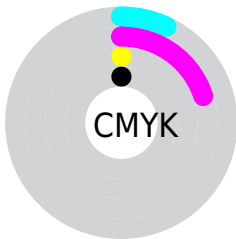
Distribution



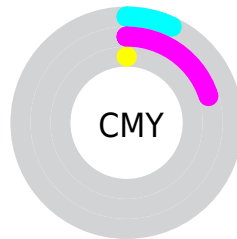
- Red (93%)
- Green (80%)
- Blue (100%)



- Red (93%)
- Yellow (80%)
- Blue (100%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (20%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 30.173, 314.130 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, 30.173, 314.130 by changing the saturation by 10% instead.


 86, 30.173,
314.130


 86, 30.173,
314.130


 100, 30.173,
314.130


 76, 30.173,
314.130

 66, 30.173,
314.130

 56, 30.173,
314.130

 46, 30.173,
314.130

 36, 30.173,
314.130

 26, 30.173,
314.130

 16, 30.173,

314.130

■ 6, 30.173, 314.130

■ 0, 30.173, 314.130

■ 86, 30.173,
314.130

■ 86, 30.173,
314.130

■ 79, 44.506,
315.062

■ 93, 14.843,
314.156

■ 73, 59.473,
315.507

100, 0.449,
313.316

■ 66, 74.146,
315.911

100, 0.012,
296.813

■ 61, 88.039,
316.226

■ 55, 100.464,

316.390

■ 51, 110.580,
316.324

■ 48, 117.592,
315.947

■ 46, 121.375,
315.272

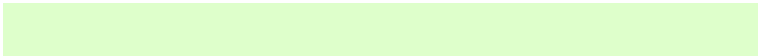
Harmonies

Complementary

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



86, 30.173, 314.130



97, 29.001, 132.829

Rectangle

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



86, 30.173, 314.130



86, 30.173, 4.130



86, 30.173, 134.130



86, 30.173, 184.130

Sweetspot

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



86, 29.565, 314.606



96, 8.597, 313.962



88, 18.053, 271.354



51, 5.706, 313.992



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, 29.565, 314.606



83, 35.064, 314.774



87, 29.649, 329.520



49, 8.179, 314.120



34, 97.635, 315.454



8, 44.489, 316.739

Inverse Universe

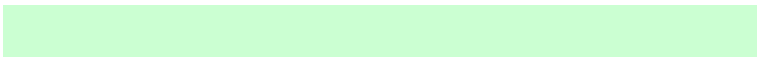
The Inverse Universe completely reimagines the original color for something new.



87, 21.290, 353.829



84, 25.287, 354.271



96, 29.582, 146.921



50, 5.857, 352.642



40, 68.960, 15.470



10, 31.292, 8.010

Previews

White Background



This preview shows how the CIELCh color 86, 30.173, 314.130 looks on a white background.

Color Contrast Check

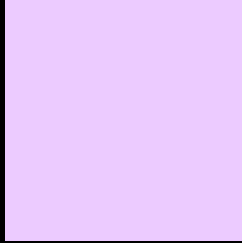
Large Text (above 18pt) WCAG AA × Fail

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, 30.173, 314.130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

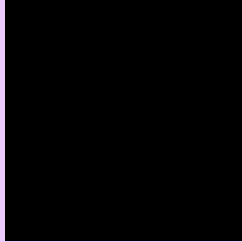
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

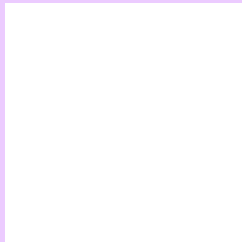
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 30.173, 314.130

Background



This preview shows how black text looks on a background with the CIELCh color 86, 30.173, 314.130.



This preview shows how white text looks on a background with the CIELCh color 86, 30.173, 314.130.

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](#).

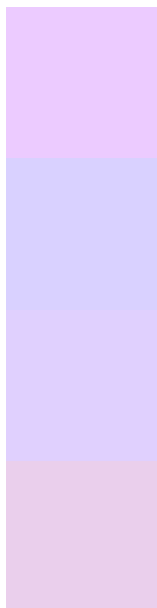
Dichromacy





Tritanopia
86, 11.821, 335.114

Trichromacy



Original Color
86, 29.668, 314.503

Protanomaly
86, 24.399, 298.445

Deuteranomaly
86, 24.871, 304.643

Tritanomaly
86, 18.029, 323.186

Monochromacy



Original Color
86, 29.668, 314.503

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 10.878, 313.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 30.173, 314.130 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(236, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 203, 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(236, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 203, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 30.173, 314.130 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(236, 203, 255) }
```

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

```
.border{ border-color:rgb(236, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 203,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 30.173, 314.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 203, 255) }
```

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

```
.background{ background-color: rgb(236,  
203, 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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