

Converting Colors

CIELCh(86, 28.188, 313.550)

Have a look what the booklet for
CIELCh(86, 28.188, 313.550)
contains.

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Color

CIELCh(86, 28.316, 313.338)

Conversions

Conversions Part 1

Format	Color
Hex	EACCFE
RGB	234, 204, 254
RGB Percent	92%, 80%, 100%
CMY	0.0815, 0.1991, 0.0030
CMYK	0.08, 0.20, 0.00, 0.00
HSL	276°, 97%, 90%
HSV	276°, 20%, 100%
XYZ	73.5728, 67.9871, 103.1980
YIQ	218.6700, 1.8300, 21.9100

Conversions

Conversions Part 2

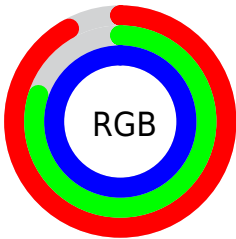
Format	Color
R_{YB}	234, 204, 254
Decimal	15387902
CIE _{Lab}	86.00, 19.43, -20.59
CIE _{LCh}	86, 28.316, 313.338
Yxy	67.9871, 0.3006, 0.2778
Android (android.graphics.Color)	4293577982 (0xFFEACCFE)
YUV	218.6700, 17.4177, 13.4444
Hunter-Lab	82.4543, 14.9781, -16.4881

Details

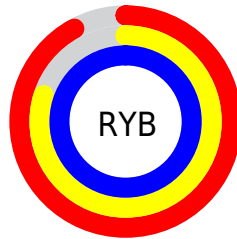
The CIELCh color **86, 28.316, 313.338** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **97, 27.726, 131.613**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 28.011, 313.376** is the 20% darker color. If you saturate the color by 10%, you get **79, 43.134, 313.807**, and if you desaturate by 10%, it is **93, 13.754, 312.880**.

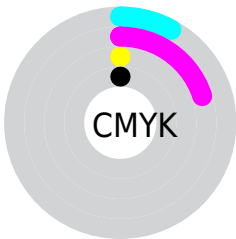
Distribution



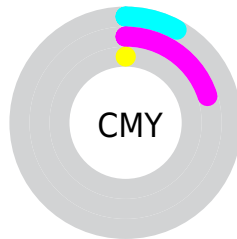
- Red (92%)
- Green (80%)
- Blue (100%)



- Red (92%)
- Yellow (80%)
- Blue (100%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 28.316, 313.338 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, 28.316, 313.338 by changing the saturation by 10% instead.


 86, 28.316,
313.338


 86, 28.316,
313.338


 100, 28.316,
313.338


 76, 28.316,
313.338

 66, 28.316,
313.338

 56, 28.316,
313.338

 46, 28.316,
313.338

 36, 28.316,
313.338

 26, 28.316,
313.338

 16, 28.316,

313.338

■ 6, 28.316, 313.338

■ 0, 28.316, 313.338

■ 86, 28.316,
313.338

■ 86, 28.316,
313.338

■ 79, 43.134,
313.807

■ 93, 13.754,
312.880

■ 72, 58.046,
314.274

100, 0.413,
131.779

■ 66, 72.762,
314.708

100, 0.382,
109.947

■ 60, 86.828,
315.063

■ 55, 99.576,

315.273

■ 50, 110.149,
315.253

■ 47, 117.679,
314.911

■ 44, 121.944,
314.219

■ 44, 122.065,
314.195

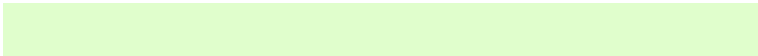
Harmonies

Complementary

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



86, 28.316, 313.338



97, 27.726, 131.613

Rectangle

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



86, 28.316, 313.338



86, 28.316, 3.338



86, 28.316, 133.338



86, 28.316, 183.338

Sweetspot

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



86, 28.314, 313.337



96, 8.518, 312.714



89, 16.799, 268.327



51, 5.654, 312.744



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, 28.314, 313.337



83, 34.793, 313.540



88, 29.310, 328.416



49, 8.105, 312.873



33, 98.401, 314.383



7, 44.665, 315.668

Inverse Universe

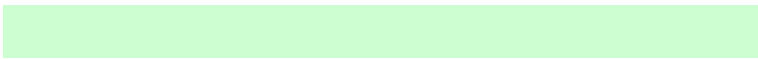
The Inverse Universe completely reimagines the original color for something new.



87, 20.973, 351.315



84, 25.786, 351.814



95, 29.262, 145.959



50, 5.988, 350.236



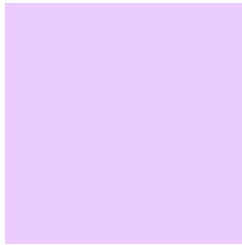
41, 68.326, 11.811



10, 31.301, 4.791

Previews

White Background



This preview shows how the CIELCh color 86, 28.316, 313.338 looks on a white background.

Color Contrast Check

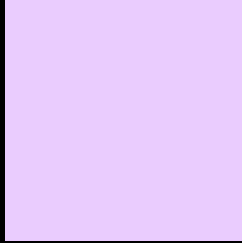
Large Text (above 18pt) WCAG AA × Fail

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, 28.316, 313.338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

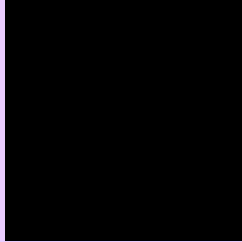
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 28.316, 313.338

Background



This preview shows how black text looks on a background with the CIELCh color 86, 28.316, 313.338.

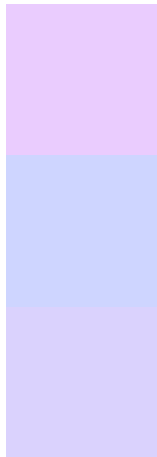


This preview shows how white text looks on a background with the CIELCh color 86, 28.316, 313.338.

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, 28.316, 313.338

Protanopia
86, 22.122, 286.045

Deuteranopia
86, 22.817, 298.787



Tritanopia
86, 11.719, 330.734

Trichromacy



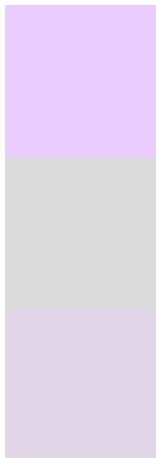
Original Color
86, 28.316, 313.338

Protanomaly
86, 23.786, 296.949

Deuteranomaly
86, 24.361, 304.894

Tritanomaly
86, 17.668, 321.196

Monochromacy



Original Color
86, 28.316, 313.338

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 10.250, 313.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 28.316, 313.338 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(234, 204, 254)` looks like.

```
.text, #text, p{  
    color:rgb(234, 204, 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(234, 204, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 204, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 28.316, 313.338 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(234, 204, 254) }
```

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

```
.border{ border-color:rgb(234, 204, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 204, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 204, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 204, 254);  
box-shadow:4px 4px 4px 4px rgb(234, 204,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 28.316, 313.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 204, 254) }
```

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

```
.background{ background-color: rgb(234,  
204, 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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