

Converting Colors

CIELCh(87, 29.420, 310.061)

Have a look what the booklet for
CIELCh(87, 29.420, 310.061)
contains.

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Color

CIELCh(87, 26.303, 311.725)

Conversions

Conversions Part 1

Format	Color
Hex	EAD0FF
RGB	234, 208, 255
RGB Percent	92%, 82%, 100%
CMY	0.0813, 0.1833, 0.0000
CMYK	0.08, 0.18, 0.00, 0.00
HSL	273°, 100%, 91%
HSV	273°, 18%, 100%
XYZ	74.7246, 70.0064, 104.4013
YIQ	221.1320, 0.4090, 20.1290

Conversions

Conversions Part 2

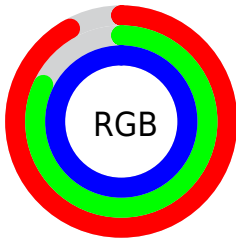
Format	Color
R_{YB}	234, 208, 255
Decimal	15388927
CIE _{Lab}	87.00, 17.51, -19.63
CIE _{LCh}	87, 26.303, 311.725
Yxy	70.0064, 0.2999, 0.2810
Android (android.graphics.Color)	4293579007 (0xFFEAD0FF)
YUV	221.1320, 16.6969, 11.2852
Hunter-Lab	83.6698, 12.9941, -15.4118

Details

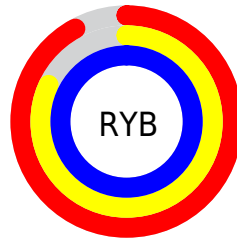
The CIELCh color $87, 26.303, 311.725$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $97, 25.602, 130.197$, and the grayscale version is $88, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $67, 25.896, 311.636$ is the 20% darker color. If you saturate the color by 10%, you get $80, 40.917, 312.314$, and if you desaturate by 10%, it is $94, 11.743, 311.354$.

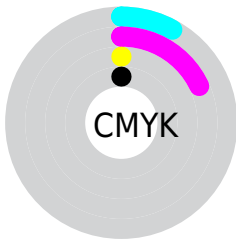
Distribution



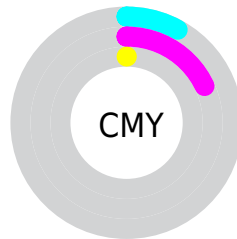
- Red (92%)
- Green (82%)
- Blue (100%)



- Red (92%)
- Yellow (82%)
- Blue (100%)



- Cyan (8%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (18%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 26.303, 311.725 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 87, 26.303, 311.725 by changing the saturation by 10% instead.


 87, 26.303,
311.725


 87, 26.303,
311.725


 100, 26.303,
311.725


 77, 26.303,
311.725

 67, 26.303,
311.725

 57, 26.303,
311.725

 47, 26.303,
311.725

 37, 26.303,
311.725

 27, 26.303,
311.725

 17, 26.303,

311.725

■ 7, 26.303, 311.725

■ 0, 26.303, 311.725

■ 87, 26.303,
311.725

■ 87, 26.303,
311.725

■ 80, 40.917,
312.314

■ 94, 11.743,
311.354

■ 73, 55.835,
312.812

100, 0.012,
296.813

■ 67, 70.683,
313.292

■ 60, 85.050,
313.707

■ 55, 98.309,

313.993

■ 50, 109.601,
314.058

■ 46, 117.969,
313.801

■ 43, 122.863,
313.152

■ 43, 123.515,
313.031

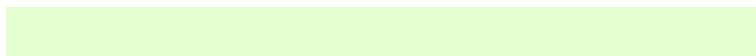
Harmonies

Complementary

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



87, 26.303, 311.725



97, 25.602, 130.197

Rectangle

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



87, 26.303, 311.725



87, 26.303, 1.725



87, 26.303, 131.725



87, 26.303, 181.725

Sweetspot

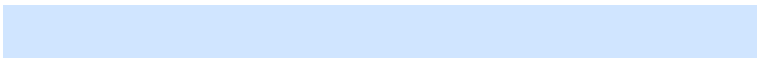
The Sweet Spot groups the original color and five complimentary colors.



87, 26.173, 311.823



96, 7.018, 311.199



90, 14.887, 263.323



51, 4.792, 311.232



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 26.173, 311.823



84, 31.551, 312.001



89, 28.331, 326.837



49, 8.026, 311.408



31, 99.320, 313.226



7, 44.804, 314.440

Inverse Universe

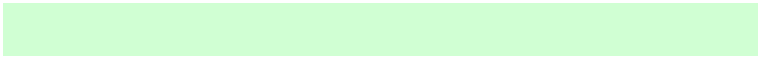
The Inverse Universe completely reimagines the original color for something new.



88, 20.065, 348.487



86, 24.175, 348.882



96, 28.299, 144.623



50, 6.152, 347.594



41, 68.008, 7.548



10, 31.454, 1.106

Previews

White Background



This preview shows how the CIELCh color 87, 26.303, 311.725 looks on a white background.

Color Contrast Check

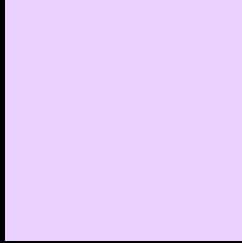
Large Text (above 18pt) WCAG AA × Fail

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 87, 26.303, 311.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

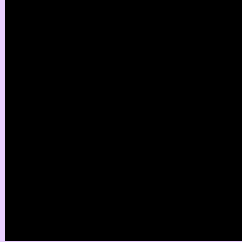
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

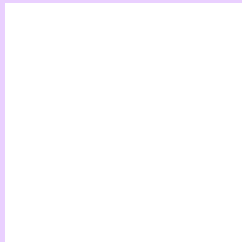
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 26.303, 311.725

Background



This preview shows how black text looks on a background with the CIELCh color 87, 26.303, 311.725.

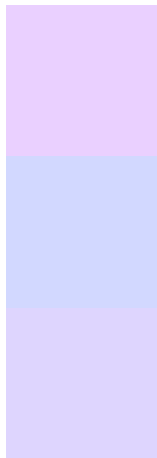


This preview shows how white text looks on a background with the CIELCh color 87, 26.303, 311.725.

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
87, 26.303, 311.725

Protanopia
87, 20.481, 286.305

Deuteranopia
87, 21.766, 299.922



Tritanopia
87, 10.390, 326.447

Trichromacy



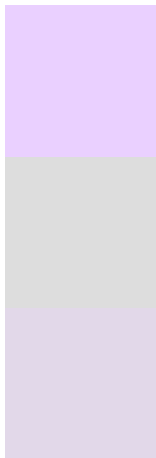
Original Color
87, 26.303, 311.725

Protanomaly
87, 22.161, 297.178

Deuteranomaly
87, 23.206, 304.602

Tritanomaly
87, 16.029, 318.625

Monochromacy



Original Color
87, 26.303, 311.725

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 9.615, 312.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 26.303, 311.725 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, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 208, 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(234, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 208, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 26.303, 311.725 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, 208, 255) }
```

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

```
.border{ border-color:rgb(234, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 208,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 26.303, 311.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 208, 255) }
```

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

```
.background{ background-color: rgb(234,  
208, 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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