

Converting Colors

CIELCh(88, 9.164, 309.372)

Have a look what the booklet for
CIELCh(88, 9.164, 309.372) contains.

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Color

CIELCh(88, 8.863, 309.357)

Conversions

Conversions Part 1

Format	Color
Hex	E2DAEA
RGB	226, 218, 234
RGB Percent	89%, 85%, 92%
CMY	0.1147, 0.1461, 0.0834
CMYK	0.03, 0.07, 0.00, 0.08
HSL	270°, 27%, 89%
HSV	270°, 7%, 92%
XYZ	71.1047, 72.0653, 87.8117
YIQ	222.2160, -0.3680, 6.6720

Conversions

Conversions Part 2

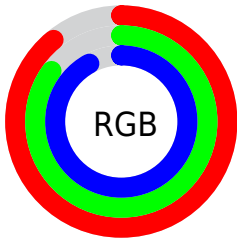
Format	Color
R _Y B	226, 218, 234
Decimal	14867178
CIE Lab	88.00, 5.62, -6.85
CIE LCh	88, 8.863, 309.357
Yxy	72.0653, 0.3078, 0.3120
Android (android.graphics.Color)	4293057258 (0xFFE2DAEA)
YUV	222.2160, 5.8095, 3.3186
Hunter-Lab	84.8913, 0.9514, -1.9058

Details

The CIELCh color `88, 8.863, 309.357` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 8.764, 128.778`, 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 `68, 8.824, 310.571` is the 20% darker color. If you saturate the color by 10%, you get `81, 22.117, 309.843`, and if you desaturate by 10%, it is `95, 4.011, 128.965`.

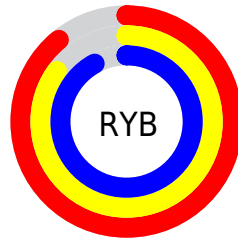
Distribution



Red (89%)

Green (85%)

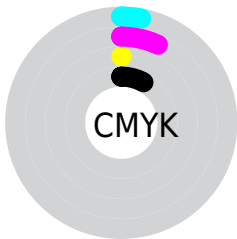
Blue (92%)



Red (89%)

Yellow (85%)

Blue (92%)

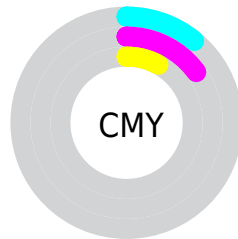


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 8.863, 309.357 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 88, 8.863, 309.357 by changing the saturation by 10% instead.

■ 88, 8.863, 309.357

■ 88, 8.863, 309.357

■ 100, 8.863,
309.357

■ 78, 8.863, 309.357

■ 68, 8.863, 309.357

■ 58, 8.863, 309.357

■ 48, 8.863, 309.357

■ 38, 8.863, 309.357

■ 28, 8.863, 309.357

■ 18, 8.863, 309.357

■ 8, 8.863, 309.357

■ 0, 8.863, 309.357

88, 8.863, 309.357

88, 8.863, 309.357

81, 22.117,
309.843

95, 4.011, 128.965

75, 35.716,
310.363

99, 10.990,
120.415

68, 49.561,
310.908

99, 10.758,
109.364

62, 63.472,
311.452

56, 77.129,
311.957

50, 90.008,
312.357

45, 101.338,
312.560

41, 110.162,
312.451

■ 38,115.686,
311.927

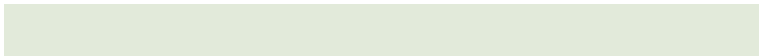
Harmonies

Complementary

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



88, 8.863, 309.357



92, 8.764, 128.778

Rectangle

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



88, 8.863, 309.357



88, 8.863, 359.357



88, 8.863, 129.357



88, 8.863, 179.357

Sweetspot

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



88, 8.861, 309.353



99, 2.767, 309.101



89, 4.908, 254.539



53, 1.573, 309.093



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 8.861, 309.353



94, 11.136, 309.411



89, 10.088, 324.339



46, 7.405, 309.479



28, 96.479, 311.911



4, 37.677, 311.607

Inverse Universe

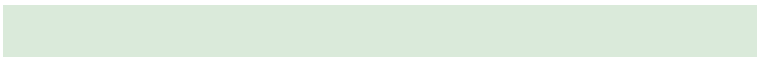
The Inverse Universe completely reimagines the original color for something new.



88, 7.135, 344.149



95, 8.965, 344.261



91, 10.065, 143.640



46, 5.960, 344.394



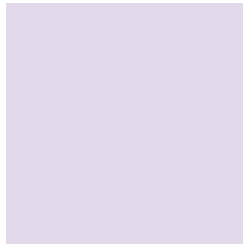
39, 65.541, 1.919



8, 28.609, 355.203

Previews

White Background



This preview shows how the CIELCh color 88, 8.863, 309.357 looks on a white background.

Color Contrast Check

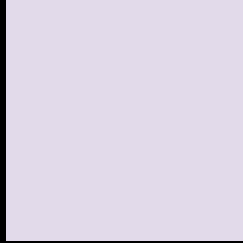
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 8.863, 309.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

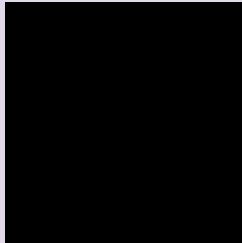
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

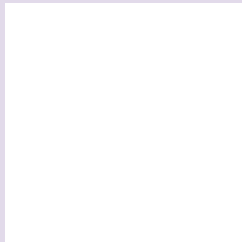
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 8.863, 309.357

Background



This preview shows how black text looks on a background with the CIELCh color 88, 8.863, 309.357.



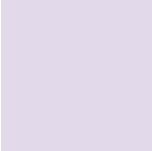
This preview shows how white text looks on a background with the CIELCh color 88, 8.863, 309.357.

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
88, 9.359, 308.353

Trichromacy



Original Color
88, 8.863, 309.357

Protanomaly
88, 8.501, 300.342

Deuteranomaly
88, 11.671, 321.937

Tritanomaly
88, 9.359, 308.353

Monochromacy



Original Color
88, 8.863, 309.357

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 3.331, 309.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 8.863, 309.357 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(226, 218, 234)` looks like.

```
.text, #text, p{  
    color:rgb(226, 218, 234)  
}
```

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(226, 218, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 218, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 8.863, 309.357 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(226, 218, 234) }
```

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

```
.border{ border-color:rgb(226, 218, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 218, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 218, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 218, 234);  
box-shadow:4px 4px 4px 4px rgb(226, 218,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 8.863, 309.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 218, 234) }
```

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

```
.background{ background-color: rgb(226,  
218, 234) }
```

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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