

Converting Colors

CIELCh(89, 2.613, 340.418)

Have a look what the booklet for
CIELCh(89, 2.613, 340.418) contains.

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Color

CIELCh(89, 2.678, 343.699)

Conversions

Conversions Part 1

Format	Color
Hex	E4DEE1
RGB	228, 222, 225
RGB Percent	89%, 87%, 88%
CMY	0.1059, 0.1294, 0.1177
CMYK	0.00, 0.03, 0.01, 0.11
HSL	330°, 10%, 88%
HSV	330°, 3%, 89%
XYZ	71.6986, 74.1641, 81.7622
YIQ	224.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

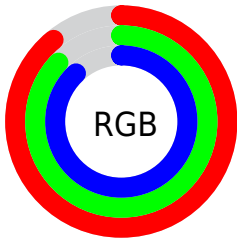
Format	Color
R _Y B	228, 222, 225
Decimal	14999265
CIE Lab	89.00, 2.57, -0.75
CIE LCh	89, 2.678, 343.699
Yxy	74.1641, 0.3150, 0.3258
Android (android.graphics.Color)	4293189345 (0xFFE4DEE1)
YUV	224.1360, 0.4260, 3.3887
Hunter-Lab	86.1186, -2.0962, 3.9923

Details

The CIELCh color $89, 2.678, 343.699$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $90, 2.653, 163.622$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 2.821, 343.800$ is the 20% darker color. If you saturate the color by 10%, you get $83, 12.992, 344.711$, and if you desaturate by 10%, it is $95, 7.354, 163.161$.

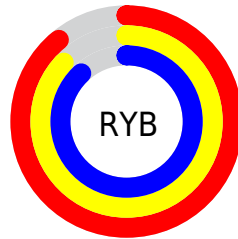
Distribution



Red (89%)

Green (87%)

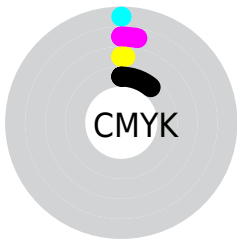
Blue (88%)



Red (89%)

Yellow (87%)

Blue (88%)

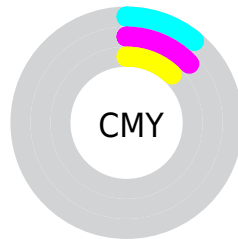


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 2.678, 343.699 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 89, 2.678, 343.699 by changing the saturation by 10% instead.

■ 89, 2.678, 343.699

■ 89, 2.678, 343.699

■ 100, 2.678,
343.699

■ 79, 2.678, 343.699

■ 69, 2.678, 343.699

■ 59, 2.678, 343.699

■ 49, 2.678, 343.699

■ 39, 2.678, 343.699

■ 29, 2.678, 343.699

■ 19, 2.678, 343.699

■ 9, 2.678, 343.699

■ 0, 2.678, 343.699

89, 2.678, 343.699

89, 2.678, 343.699

83, 12.992,
344.711

95, 7.354, 163.161

77, 23.503,
345.686

98, 10.062,
177.400

72, 34.042,
346.774

98, 9.187, 198.897

66, 44.348,
348.021

62, 54.043,
349.485

58, 62.634,
351.248

54, 69.574,
353.429

51, 74.402,
356.177

■ 50,76.960,
359.658

Harmonies

Complementary

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



89, 2.678, 343.699



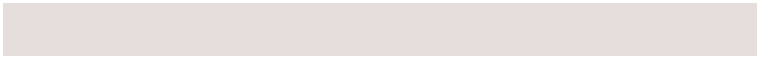
90, 2.653, 163.622

Rectangle

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



89, 2.678, 343.699



89, 2.678, 33.699



89, 2.678, 163.699



89, 2.678, 213.699

Sweetspot

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



89, 2.676, 343.716



99, 1.116, 343.314



89, 3.323, 309.144



53, 0.635, 343.287



0, 0.000, 0.000



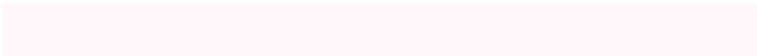
53, 0.007, 296.813

Same Dimension

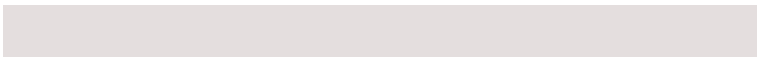
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 2.676, 343.716



98, 3.343, 343.769



89, 2.160, 19.282



47, 2.325, 343.862



38, 64.856, 1.913



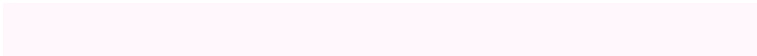
7, 27.609, 354.956

Inverse Universe

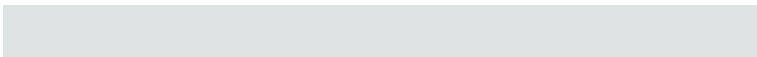
The Inverse Universe completely reimagines the original color for something new.



89, 2.676, 343.716



98, 3.343, 343.769



90, 2.123, 199.545



47, 2.325, 343.862



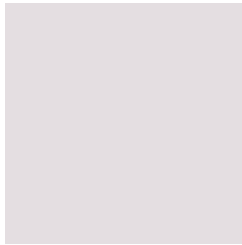
38, 64.856, 1.913



7, 27.609, 354.956

Previews

White Background



This preview shows how the CIELCh color 89, 2.678, 343.699 looks on a white background.

Color Contrast Check

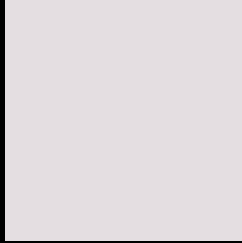
Large Text (above 18pt) WCAG AA × Fail

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 89, 2.678, 343.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

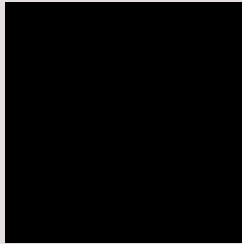
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

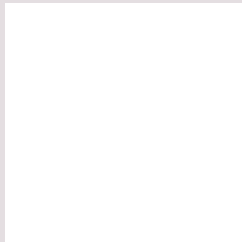
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 2.678, 343.699

Background



This preview shows how black text looks on a background with the CIELCh color 89, 2.678, 343.699.



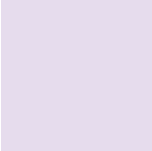
This preview shows how white text looks on a background with the CIELCh color 89, 2.678, 343.699.

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
89, 9.583, 312.374

Trichromacy



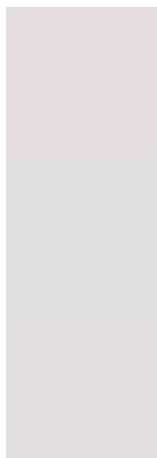
Original Color
89, 2.678, 343.699

Protanomaly
89, 2.396, 338.626

Deuteranomaly
89, 8.354, 350.119

Tritanomaly
89, 6.903, 314.854

Monochromacy



Original Color
89, 2.678, 343.699

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 0.897, 343.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 2.678, 343.699 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(228, 222, 225)` looks like.

```
.text, #text, p{  
    color:rgb(228, 222, 225)  
}
```

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(228, 222, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 222, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 2.678, 343.699 is called "border". The border property can be set on classes, ids or directly on the HTML element.

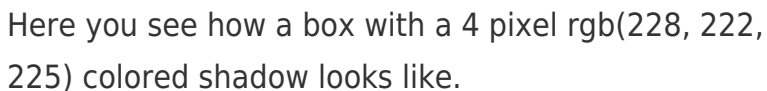
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 222, 225) }
```

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

```
.border{ border-color:rgb(228, 222, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 222, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 222, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 222, 225); box-shadow:4px 4px 4px 4px rgb(228, 222, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 2.678, 343.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 222, 225) }
```

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

```
.background{ background-color: rgb(228,  
222, 225) }
```

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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