

Converting Colors

CIELCh(88, 2.998, 27.176)

Have a look what the booklet for
CIELCh(88, 2.998, 27.176) contains.

CIELCh(88, 2.939, 29.603)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(88, 2.939, 29.603)

Conversions

Conversions Part 1

Format	Color
Hex	E3DBDA
RGB	227, 219, 218
RGB Percent	89%, 86%, 85%
CMY	0.1097, 0.1411, 0.1450
CMYK	0.00, 0.04, 0.04, 0.11
HSL	7°, 14%, 87%
HSV	7°, 4%, 89%
XYZ	69.6739, 72.0653, 76.5762
YIQ	221.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

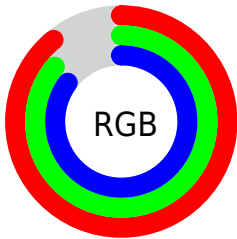
Format	Color
RYB	227, 219, 218
Decimal	14932954
CIELab	88.00, 2.56, 1.45
CIELCh	88, 2.939, 29.603
Yxy	72.0653, 0.3191, 0.3301
Android (android.graphics.Color)	4293123034 (0xFFE3DBDA)
YUV	221.2780, -1.6161, 5.0182
Hunter-Lab	84.8913, -2.0570, 5.9413

Details

The CIELCh color **88, 2.939, 29.603** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 2.866, 209.933**, 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, 3.110, 29.676** is the 20% darker color. If you saturate the color by 10%, you get **82, 10.787, 30.064**, and if you desaturate by 10%, it is **94, 4.297, 209.847**.

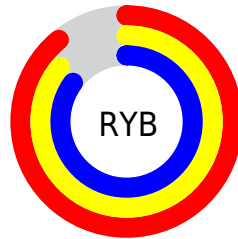
Distribution



Red (89%)

Green (86%)

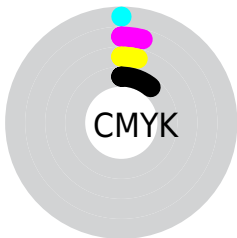
Blue (85%)



Red (89%)

Yellow (86%)

Blue (85%)

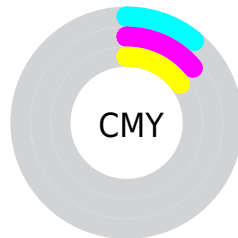


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (14%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 2.939, 29.603 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, 2.939, 29.603 by changing the saturation by 10% instead.

■ 88, 2.939, 29.603

■ 88, 2.939, 29.603

■ 100, 2.939, 29.603

■ 78, 2.939, 29.603

■ 68, 2.939, 29.603

■ 58, 2.939, 29.603

■ 48, 2.939, 29.603

■ 38, 2.939, 29.603

■ 28, 2.939, 29.603

■ 18, 2.939, 29.603

■ 8, 2.939, 29.603

■ 0, 2.939, 29.603

88, 2.939, 29.603

88, 2.939, 29.603

82, 10.787, 30.064

94, 4.297, 209.847

77, 19.302, 30.510

98, 9.509, 198.874

72, 28.511, 31.144

67, 38.406, 32.034

62, 48.915, 33.246

58, 59.871, 34.830

54, 70.955, 36.771

51, 81.529, 38.868

49, 90.187, 40.496

Harmonies

Complementary

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



88, 2.939, 29.603



89, 2.866, 209.933

Rectangle

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



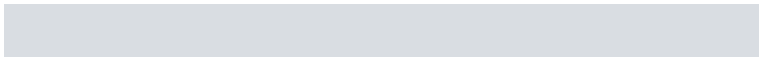
88, 2.939, 29.603



88, 2.939, 79.603



88, 2.939, 209.603



88, 2.939, 259.603

Sweetspot

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



88, 2.938, 29.647



99, 0.804, 28.970



88, 5.349, 327.443



53, 0.457, 28.926



0, 0.000, 0.000



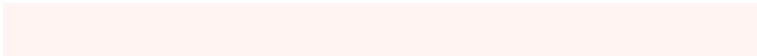
53, 0.007, 296.813

Same Dimension

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



88, 2.938, 29.647



97, 4.090, 29.714



89, 3.074, 84.818



46, 2.566, 29.747



38, 78.249, 41.412



7, 25.058, 27.773

Inverse Universe

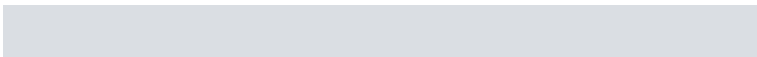
The Inverse Universe completely reimagines the original color for something new.



89, 2.866, 209.933



99, 3.962, 209.875



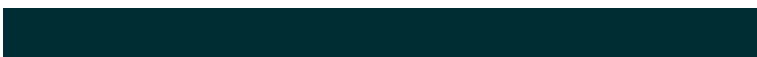
88, 3.079, 266.030



48, 2.475, 209.849



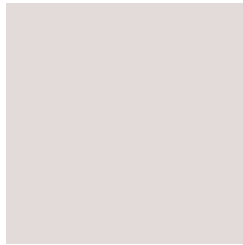
60, 33.885, 216.483



16, 14.398, 213.019

Previews

White Background



This preview shows how the CIE LCh color 88, 2.939, 29.603 looks on a white background.

Color Contrast Check

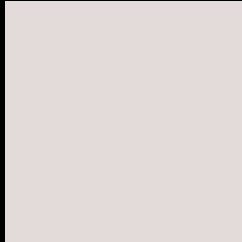
Large Text (above 18pt) WCAG AA × Fail

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, 2.939, 29.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

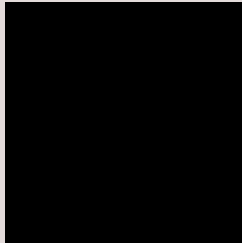
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

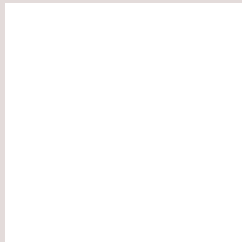
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 2.939, 29.603

Background



This preview shows how black text looks on a background with the CIELCh color 88, 2.939, 29.603.



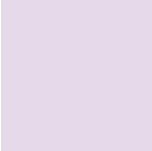
This preview shows how white text looks on a background with the CIELCh color 88, 2.939, 29.603.

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, 9.892, 316.203

Trichromacy



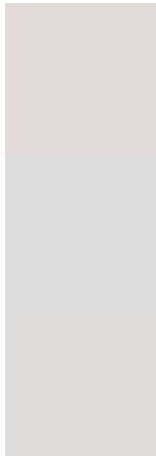
Original Color
88, 2.939, 29.603

Protanomaly
88, 2.396, 45.021

Deuteranomaly
88, 7.822, 8.419

Tritanomaly
88, 6.362, 324.638

Monochromacy



Original Color
88, 2.939, 29.603

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 1.080, 18.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 2.939, 29.603 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(227, 219, 218)` looks like.

```
.text, #text, p{  
    color:rgb(227, 219, 218)  
}
```

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(227, 219, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 219, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 2.939, 29.603 is called "border". The border property can be set on classes, ids or directly on the HTML element.

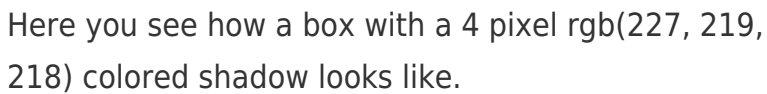
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 219, 218) }
```

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

```
.border{ border-color:rgb(227, 219, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 219, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 219, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 219, 218);  
box-shadow:4px 4px 4px 4px rgb(227, 219,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 2.939, 29.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 219, 218) }
```

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

```
.background{ background-color: rgb(227,  
219, 218) }
```

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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