

Converting Colors

CIE LCh(88, 4.193, 341.106)

Have a look what the booklet for
CIELCh(88, 4.193, 341.106) contains.

CIELCh(88, 4.182, 340.982)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 4.182, 340.982)

Conversions

Conversions Part 1

Format	Color
Hex	E3DADF
RGB	227, 218, 223
RGB Percent	89%, 85%, 87%
CMY	0.1084, 0.1437, 0.1241
CMYK	0.00, 0.04, 0.02, 0.11
HSL	327°, 14%, 87%
HSV	327°, 4%, 89%
XYZ	70.3243, 72.0653, 80.2695
YIQ	221.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

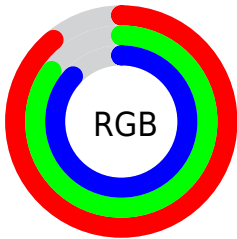
Format	Color
R _Y B	227, 218, 223
Decimal	14932703
CIE Lab	88.00, 3.95, -1.36
CIE LCh	88, 4.182, 340.982
Yxy	72.0653, 0.3158, 0.3237
Android (android.graphics.Color)	4293122783 (0xFFE3DADF)
YUV	221.2610, 0.8573, 5.0331
Hunter-Lab	84.8913, -0.6896, 3.3618

Details

The CIELCh color **88, 4.182, 340.982** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 4.150, 160.579**, 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, 4.410, 341.098** is the 20% darker color. If you saturate the color by 10%, you get **82, 14.890, 341.888**, and if you desaturate by 10%, it is **94, 6.274, 160.406**.

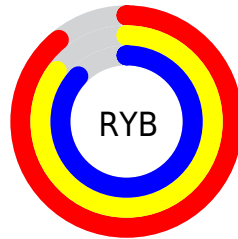
Distribution



Red (89%)

Green (85%)

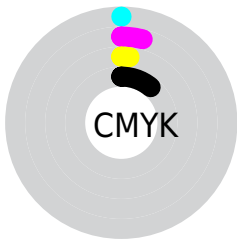
Blue (87%)



Red (89%)

Yellow (85%)

Blue (87%)

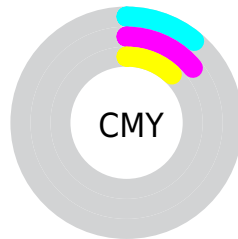


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (14%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 4.182, 340.982 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, 4.182, 340.982 by changing the saturation by 10% instead.

 88, 4.182, 340.982	 88, 4.182, 340.982
 100, 4.182, 340.982	 78, 4.182, 340.982
	 68, 4.182, 340.982
	 58, 4.182, 340.982
	 48, 4.182, 340.982
	 38, 4.182, 340.982
	 28, 4.182, 340.982
	 18, 4.182, 340.982
	 8, 4.182, 340.982
	 0, 4.182, 340.982

88, 4.182, 340.982

88, 4.182, 340.982

82, 14.890,
341.888

94, 6.274, 160.406

76, 25.746,
342.807

98, 11.295,
167.677

71, 36.558,
343.822

98, 9.454, 194.806

98, 9.395, 198.882

66, 47.038,
344.971

61, 56.774,
346.302

57, 65.250,
347.883

54, 71.902,
349.816

51, 76.277,
352.230

■ 50, 78.240,
355.272

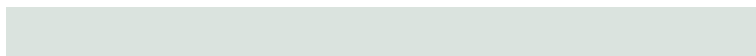
Harmonies

Complementary

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



88, 4.182, 340.982



90, 4.150, 160.579

Rectangle

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



88, 4.182, 340.982



88, 4.182, 30.982



88, 4.182, 160.982



88, 4.182, 210.982

Sweetspot

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



88, 4.180, 340.991



99, 1.161, 340.464



88, 4.927, 306.871



53, 0.660, 340.439



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, 4.180, 340.991



97, 5.801, 341.098



88, 3.275, 13.991



46, 3.632, 341.158



39, 65.751, 356.749



7, 28.238, 350.865

Inverse Universe

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



88, 4.180, 340.991



97, 5.801, 341.098



90, 3.202, 193.781



46, 3.632, 341.158



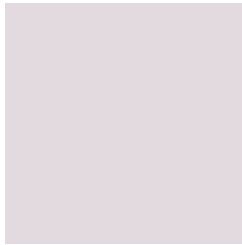
39, 65.751, 356.749



7, 28.238, 350.865

Previews

White Background



This preview shows how the CIELCh color 88, 4.182, 340.982 looks on a white background.

Color Contrast Check

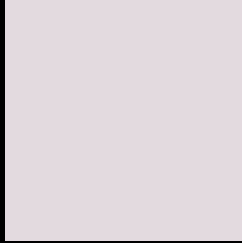
Large Text (above 18pt) WCAG AA × Fail

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 88, 4.182, 340.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

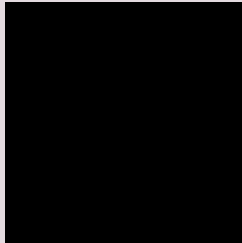
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

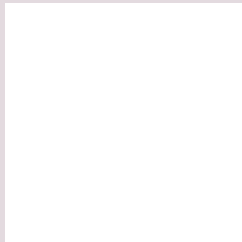
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 4.182, 340.982

Background



This preview shows how black text looks on a background with the CIELCh color 88, 4.182, 340.982.

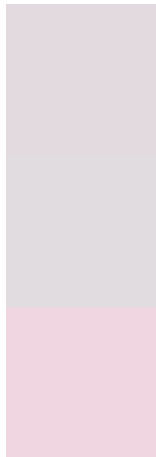


This preview shows how white text looks on a background with the CIELCh color 88, 4.182, 340.982.

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

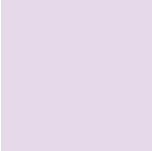
88, 4.182, 340.982

Protanopia

88, 2.553, 324.430

Deuteranopia

88, 10.787, 351.333



Tritanopia
88, 9.892, 316.203

Trichromacy



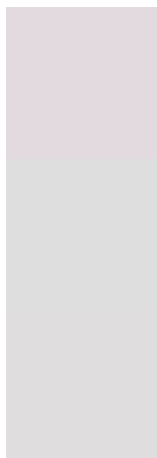
Original Color
88, 4.182, 340.982

Protanomaly
88, 3.407, 329.456

Deuteranomaly
88, 8.055, 348.799

Tritanomaly
88, 7.882, 320.402

Monochromacy



Original Color
88, 4.182, 340.982

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 1.207, 353.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 4.182, 340.982 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, 218, 223)` looks like.

```
.text, #text, p{  
    color:rgb(227, 218, 223)  
}
```

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, 218, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 218, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 4.182, 340.982 is called "border". The border property can be set on classes, ids or directly on the HTML element.

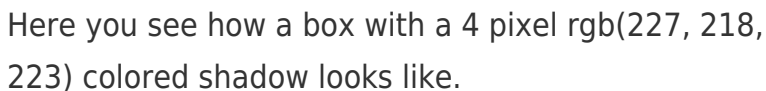
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 218, 223) }
```

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

```
.border{ border-color:rgb(227, 218, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 218, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 218, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 218, 223);  
box-shadow:4px 4px 4px 4px rgb(227, 218,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 4.182, 340.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 218, 223) }
```

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

```
.background{ background-color: rgb(227,  
218, 223) }
```

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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