

Converting Colors

CIELCh(88, 4.015, 34.853)

Have a look what the booklet for
CIELCh(88, 4.015, 34.853) contains.

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Color

CIECh(88, 4.130, 34.128)

Conversions

Conversions Part 1

Format	Color
Hex	E5DAD8
RGB	229, 218, 216
RGB Percent	90%, 85%, 85%
CMY	0.1003, 0.1434, 0.1513
CMYK	0.00, 0.05, 0.06, 0.10
HSL	9°, 20%, 87%
HSV	9°, 6%, 90%
XYZ	70.0750, 72.0653, 75.4640
YIQ	221.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

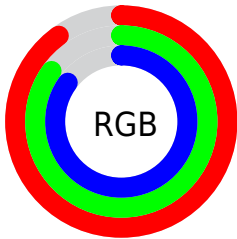
Format	Color
RYP	229, 218, 216
Decimal	15063768
CIE Lab	88.00, 3.42, 2.32
CIE LCh	88, 4.130, 34.128
Yxy	72.0653, 0.3220, 0.3312
Android (android.graphics.Color)	4293253848 (0xFFE5DAD8)
YUV	221.0610, -2.4951, 6.9625
Hunter-Lab	84.8913, -1.2137, 6.7181

Details

The CIELCh color **88, 4.130, 34.128** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 3.986, 214.482**, 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, 4.378, 34.169** is the 20% darker color. If you saturate the color by 10%, you get **83, 11.900, 34.348**, and if you desaturate by 10%, it is **93, 3.033, 214.526**.

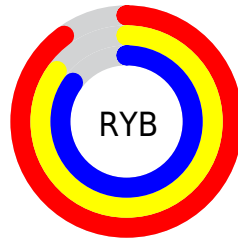
Distribution



Red (90%)

Green (85%)

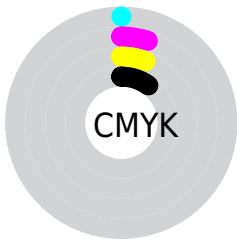
Blue (85%)



Red (90%)

Yellow (85%)

Blue (85%)

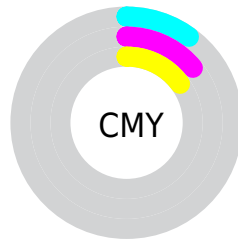


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (10%)



Cyan (10%)













Magenta (14%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 4.130, 34.128 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, 4.130, 34.128 by changing the saturation by 10% instead.

 88, 4.130, 34.128	 88, 4.130, 34.128
 100, 4.130, 34.128	 78, 4.130, 34.128
	 68, 4.130, 34.128
	 58, 4.130, 34.128
	 48, 4.130, 34.128
	 38, 4.130, 34.128
	 28, 4.130, 34.128
	 18, 4.130, 34.128
	 8, 4.130, 34.128
	 0, 4.130, 34.128

88, 4.130, 34.128

88, 4.130, 34.128

83, 11.900, 34.348

93, 3.033, 214.526

77, 20.333, 34.600

98, 8.713, 198.931

72, 29.464, 35.023

67, 39.294, 35.675

63, 49.764, 36.604

59, 60.718, 37.839

55, 71.823, 39.333

52, 82.354, 40.842

50, 90.740, 41.707

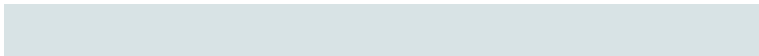
Harmonies

Complementary

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



88, 4.130, 34.128



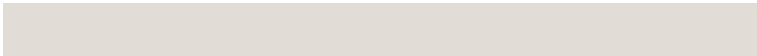
90, 3.986, 214.482

Rectangle

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



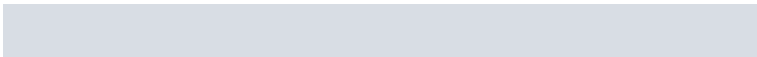
88, 4.130, 34.128



88, 4.130, 84.128



88, 4.130, 214.128



88, 4.130, 264.128

Sweetspot

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



88, 4.129, 34.161



99, 1.563, 33.880



88, 7.454, 329.137



53, 0.888, 33.858



0, 0.000, 0.000



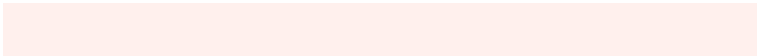
53, 0.007, 296.813

Same Dimension

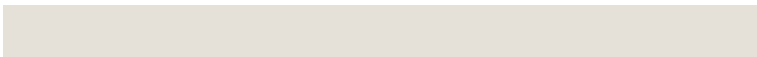
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 4.129, 34.161



96, 5.587, 34.196



90, 4.666, 89.004



46, 3.337, 34.207



38, 77.221, 42.304



8, 24.345, 30.343

Inverse Universe

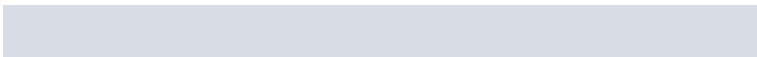
The Inverse Universe completely reimagines the original color for something new.



90, 3.986, 214.482



98, 5.344, 214.465



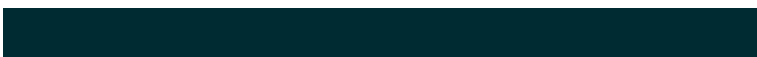
88, 4.673, 270.556



47, 3.180, 214.462



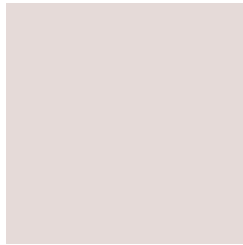
57, 33.333, 225.478



15, 14.078, 220.405

Previews

White Background



This preview shows how the CIELCh color 88, 4.130, 34.128 looks on a white background.

Color Contrast Check

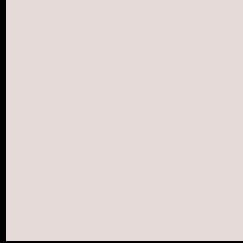
Large Text (above 18pt) WCAG AA × Fail

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, 4.130, 34.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

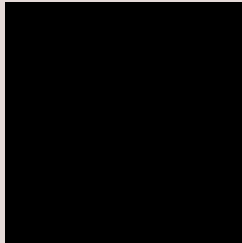
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

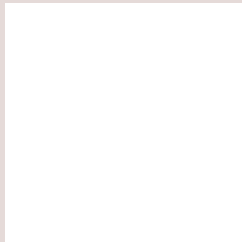
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 4.130, 34.128

Background



This preview shows how black text looks on a background with the CIELCh color 88, 4.130, 34.128.

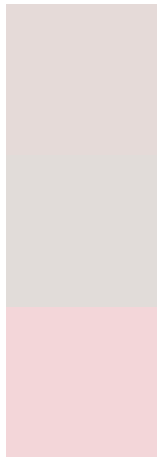


This preview shows how white text looks on a background with the CIELCh color 88, 4.130, 34.128.

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, 4.130, 34.128

Protanopia

88, 2.375, 60.303

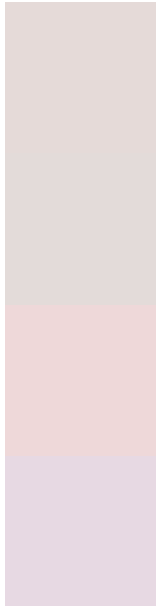
Deuteranopia

88, 10.768, 11.849



Tritanopia
88, 10.593, 323.205

Trichromacy



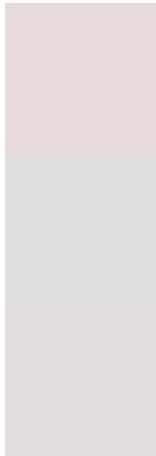
Original Color
88, 4.130, 34.128

Protanomaly
88, 3.074, 39.193

Deuteranomaly
88, 8.073, 16.239

Tritanomaly
88, 7.276, 334.071

Monochromacy



Original Color
88, 4.130, 34.128

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 1.526, 39.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 4.130, 34.128 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(229, 218, 216)` looks like.

```
.text, #text, p{  
    color:rgb(229, 218, 216)  
}
```

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(229, 218, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 218, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 4.130, 34.128 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(229, 218, 216) }
```

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

```
.border{ border-color:rgb(229, 218, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 218, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 218, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 218, 216);  
box-shadow:4px 4px 4px 4px rgb(229, 218,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 4.130, 34.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 218, 216) }
```

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

```
.background{ background-color: rgb(229,  
218, 216) }
```

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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