

Converting Colors

CIELCh(89, 4.372, 42.831)

Have a look what the booklet for
CIELCh(89, 4.372, 42.831) contains.

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Color

CIELCh(89, 4.282, 40.845)

Conversions

Conversions Part 1

Format	Color
Hex	E8DDDA
RGB	232, 221, 218
RGB Percent	91%, 87%, 85%
CMY	0.0890, 0.1321, 0.1439
CMYK	0.00, 0.05, 0.06, 0.09
HSL	13°, 24%, 88%
HSV	13°, 6%, 91%
XYZ	72.0152, 74.1641, 77.0623
YIQ	223.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

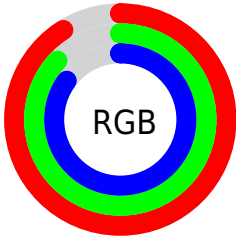
Format	Color
R _Y B	232, 222, 218
Decimal	15261146
CIE Lab	89.00, 3.24, 2.80
CIE LCh	89, 4.282, 40.845
Yxy	74.1641, 0.3226, 0.3322
Android (android.graphics.Color)	4293451226 (0xFFE8DDDA)
YUV	223.9470, -2.9319, 7.0625
Hunter-Lab	86.1186, -1.4400, 7.2280

Details

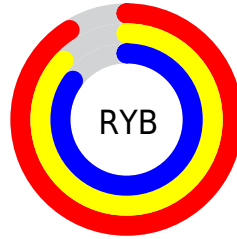
The CIELCh color **89, 4.282, 40.845** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 4.131, 221.526**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 4.175, 42.738** is the 20% darker color. If you saturate the color by 10%, you get **84, 11.861, 40.764**, and if you desaturate by 10%, it is **94, 2.716, 221.529**.

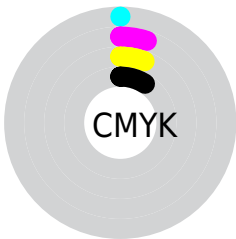
Distribution



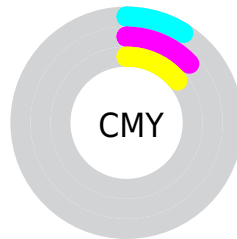
- Red (91%)
- Green (87%)
- Blue (85%)



- Red (91%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 4.282, 40.845 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, 4.282, 40.845 by changing the saturation by 10% instead.

 89, 4.282, 40.845	 89, 4.282, 40.845
 100, 4.282, 40.845	 79, 4.282, 40.845
	 69, 4.282, 40.845
	 59, 4.282, 40.845
	 49, 4.282, 40.845
	 39, 4.282, 40.845
	 29, 4.282, 40.845
	 19, 4.282, 40.845
	 9, 4.282, 40.845
	 0, 4.282, 40.845

89, 4.282, 40.845

89, 4.282, 40.845

84, 11.861, 40.764

94, 2.716, 221.529

79, 20.081, 40.691

98, 7.750, 199.001

74, 28.985, 40.752

69, 38.588, 40.989

65, 48.857, 41.436

61, 59.661, 42.098

57, 70.679, 42.911

54, 81.177, 43.629

52, 89.608, 43.650

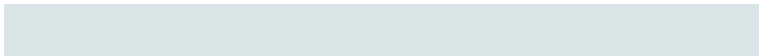
Harmonies

Complementary

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



89, 4.282, 40.845



90, 4.131, 221.526

Rectangle

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



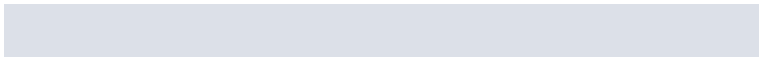
89, 4.282, 40.845



89, 4.282, 90.845



89, 4.282, 220.845



89, 4.282, 270.845

Sweetspot

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



89, 4.281, 40.878



99, 1.506, 40.696



89, 7.731, 330.858



53, 0.856, 40.677



0, 0.000, 0.000



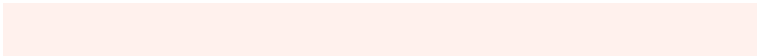
53, 0.007, 296.813

Same Dimension

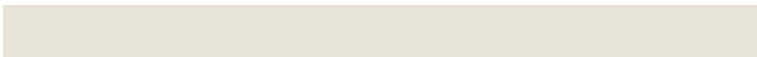
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 4.281, 40.878



96, 5.384, 40.874



91, 5.276, 92.920



47, 3.274, 40.870



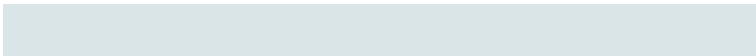
40, 76.217, 44.006



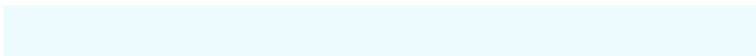
9, 24.720, 35.131

Inverse Universe

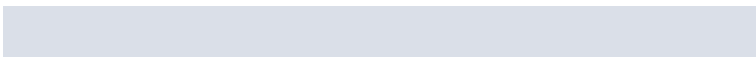
The Inverse Universe completely reimagines the original color for something new.



90, 4.131, 221.526



98, 5.161, 221.544



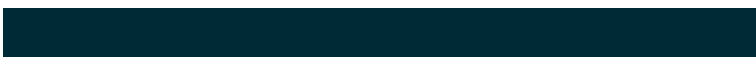
89, 5.299, 274.500



48, 3.127, 221.557



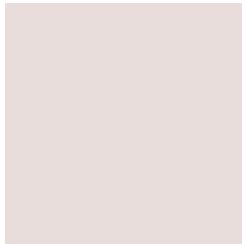
55, 34.260, 238.666



15, 14.455, 231.839

Previews

White Background



This preview shows how the CIELCh color 89, 4.282, 40.845 looks on a white background.

Color Contrast Check

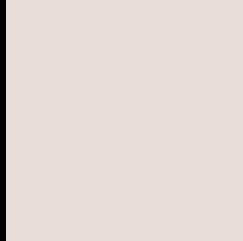
Large Text (above 18pt) WCAG AA × Fail

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 89, 4.282, 40.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

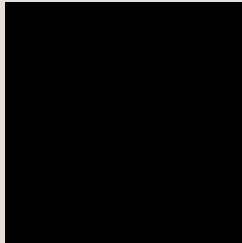
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

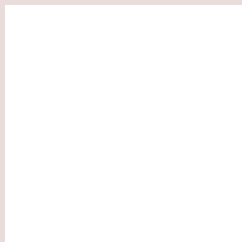
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 4.282, 40.845

Background



This preview shows how black text looks on a background with the CIELCh color 89, 4.282, 40.845.

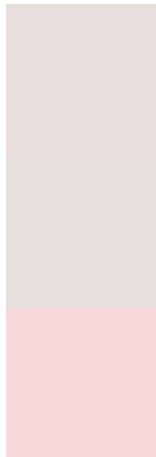


This preview shows how white text looks on a background with the CIELCh color 89, 4.282, 40.845.

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

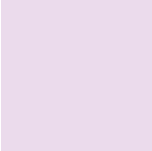
89, 4.282, 40.845

Protanopia

89, 2.736, 68.563

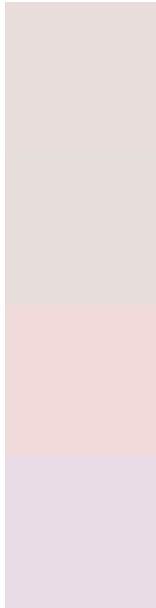
Deuteranopia

89, 11.488, 12.443



Tritanopia
89, 10.566, 323.200

Trichromacy



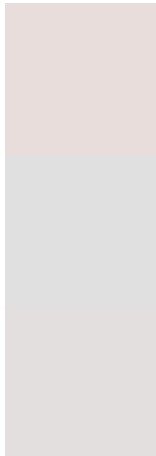
Original Color
89, 4.282, 40.845

Protanomaly
89, 3.277, 47.757

Deuteranomaly
89, 8.799, 16.607

Tritanomaly
89, 7.258, 334.065

Monochromacy



Original Color
89, 4.282, 40.845

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 1.522, 39.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 4.282, 40.845 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(232, 221, 218)` looks like.

```
.text, #text, p{  
    color:rgb(232, 221, 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(232, 221, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 221, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 4.282, 40.845 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(232, 221, 218) }
```

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

```
.border{ border-color:rgb(232, 221, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 221, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 221, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 221, 218);  
box-shadow:4px 4px 4px 4px rgb(232, 221,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 4.282, 40.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 221, 218) }
```

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

```
.background{ background-color: rgb(232,  
221, 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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