

Converting Colors

CIELCh(89, 5.446, 87.469)

Have a look what the booklet for
CIELCh(89, 5.446, 87.469) contains.

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Color

CIELCh(89, 5.617, 86.716)

Conversions

Conversions Part 1

Format	Color
Hex	E5DFD5
RGB	229, 223, 213
RGB Percent	90%, 87%, 84%
CMY	0.1023, 0.1259, 0.1651
CMYK	0.00, 0.03, 0.07, 0.10
HSL	38°, 23%, 87%
HSV	38°, 7%, 90%
XYZ	70.6412, 74.1641, 73.4780
YIQ	223.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

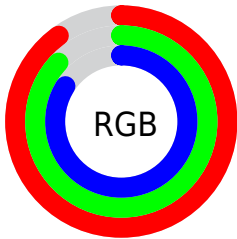
Format	Color
RYB	223, 229, 213
Decimal	15065045
CIELab	89.00, 0.32, 5.61
CIELCh	89, 5.617, 86.716
Yxy	74.1641, 0.3236, 0.3398
Android (android.graphics.Color)	4293255125 (0xFFE5DFD5)
YUV	223.6540, -5.2524, 4.6884
Hunter-Lab	86.1186, -4.2878, 9.6957

Details

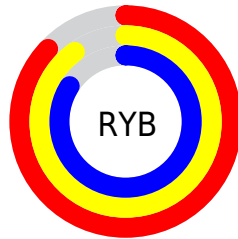
The CIELCh color $89, 5.617, 86.716$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $87, 5.607, 268.638$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 5.931, 86.467$ is the 20% darker color. If you saturate the color by 10%, you get $86, 13.855, 85.474$, and if you desaturate by 10%, it is $92, 2.402, 268.168$.

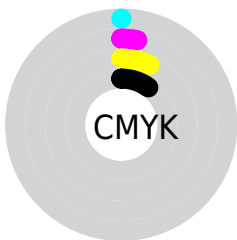
Distribution



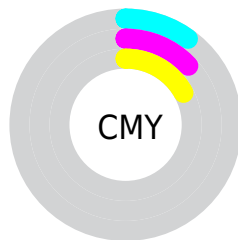
- Red (90%)
- Green (87%)
- Blue (84%)



- Red (87%)
- Yellow (90%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 5.617, 86.716 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, 5.617, 86.716 by changing the saturation by 10% instead.



89, 5.617, 86.716

89, 5.617, 86.716

86, 13.855, 85.474

92, 2.402, 268.168

84, 22.309, 84.145

94, 8.499, 264.262

81, 30.962, 82.772

97, 7.401, 225.253

79, 39.757, 81.357

98, 8.885, 198.918

76, 48.566, 79.891

74, 57.129, 78.340

72, 64.964, 76.631

69, 71.287, 74.616

67, 75.201, 72.072

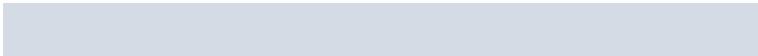
Harmonies

Complementary

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



89, 5.617, 86.716



87, 5.607, 268.638

Rectangle

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



89, 5.617, 86.716



89, 5.617, 136.716



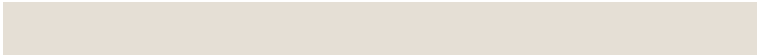
89, 5.617, 266.716



89, 5.617, 316.716

Sweetspot

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



89, 5.618, 86.739



99, 1.736, 87.234



87, 6.650, 351.013



53, 0.987, 87.236



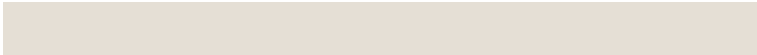
0, 0.000, 0.000



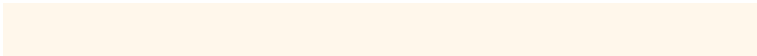
53, 0.007, 296.813

Same Dimension

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



89, 5.618, 86.739



98, 7.031, 86.611



90, 8.302, 114.208



47, 4.592, 86.437



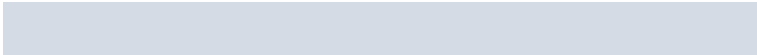
53, 63.174, 71.832



14, 21.595, 74.271

Inverse Universe

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



87, 5.607, 268.638



95, 7.007, 268.778



86, 8.445, 295.335



45, 4.570, 268.971



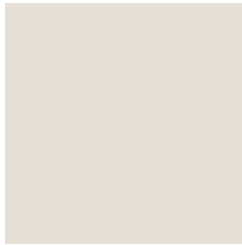
32, 69.710, 294.016



6, 24.152, 285.631

Previews

White Background



This preview shows how the CIELCh color 89, 5.617, 86.716 looks on a white background.

Color Contrast Check

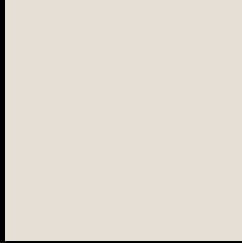
Large Text (above 18pt) WCAG AA × Fail

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, 5.617, 86.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

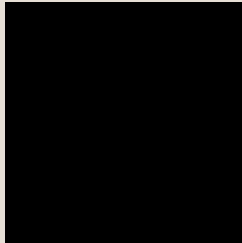
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

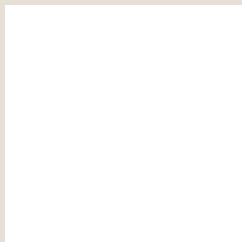
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 5.617, 86.716

Background



This preview shows how black text looks on a background with the CIELCh color 89, 5.617, 86.716.

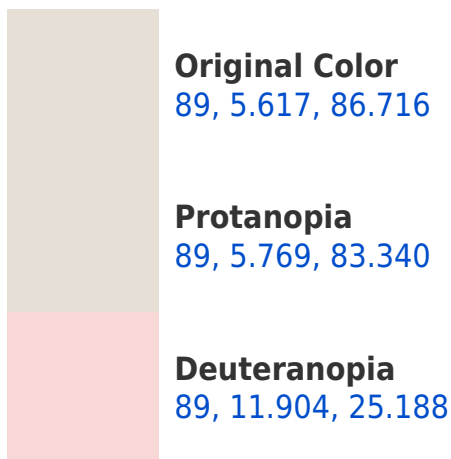


This preview shows how white text looks on a background with the CIELCh color 89, 5.617, 86.716.

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](#).

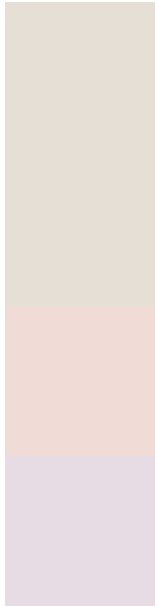
Dichromacy





Tritanopia
89, 10.498, 316.733

Trichromacy



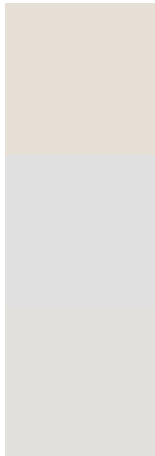
Original Color
89, 5.617, 86.716

Protanomaly
89, 5.769, 83.340

Deuteranomaly
89, 8.515, 37.577

Tritanomaly
89, 5.766, 333.458

Monochromacy



Original Color
89, 5.617, 86.716

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.183, 90.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 5.617, 86.716 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, 223, 213)` looks like.

```
.text, #text, p{  
    color:rgb(229, 223, 213)  
}
```

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, 223, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 5.617, 86.716 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, 223, 213) }
```

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

```
.border{ border-color:rgb(229, 223, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 223, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 223, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 223, 213);  
box-shadow:4px 4px 4px 4px rgb(229, 223,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 5.617, 86.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 213) }
```

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

```
.background{ background-color: rgb(229,  
223, 213) }
```

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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