

Converting Colors

CIELCh(89, 13.979, 89.658)

Have a look what the booklet for
CIELCh(89, 13.979, 89.658) contains.

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Color

CIELCh(89, 13.862, 88.349)

Conversions

Conversions Part 1

Format	Color
Hex	EBDEC5
RGB	235, 222, 197
RGB Percent	92%, 87%, 77%
CMY	0.0772, 0.1282, 0.2263
CMYK	0.00, 0.06, 0.16, 0.08
HSL	39°, 49%, 85%
HSV	39°, 16%, 92%
XYZ	70.6776, 74.1641, 63.5930
YIQ	223.0370, 15.7730, -5.0190

Conversions

Conversions Part 2

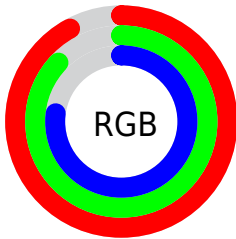
Format	Color
R _Y B	217, 235, 197
Decimal	15457989
CIE Lab	89.00, 0.40, 13.86
CIE LCh	89, 13.862, 88.349
Yxy	74.1641, 0.3391, 0.3558
Android (android.graphics.Color)	4293648069 (0xFFEBDEC5)
YUV	223.0370, -12.8362, 10.4916
Hunter-Lab	86.1186, -4.2125, 16.5012

Details

The CIELCh color **89, 13.862, 88.349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 13.798, 272.693**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **69, 13.988, 88.600** is the 20% darker color. If you saturate the color by 10%, you get **86, 22.699, 87.043**, and if you desaturate by 10%, it is **92, 5.215, 89.607**.

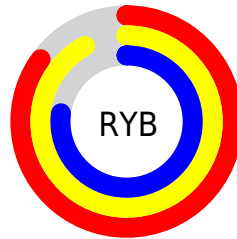
Distribution



Red (92%)

Green (87%)

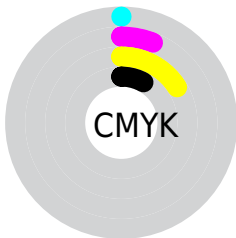
Blue (77%)



Red (85%)

Yellow (92%)

Blue (77%)

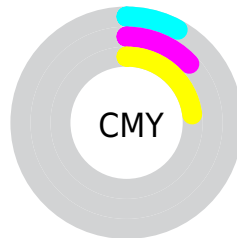


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 13.862, 88.349 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, 13.862, 88.349 by changing the saturation by 10% instead.

 89, 13.862, 88.349

 89, 13.862, 88.349

 100, 13.862,
88.349

 79, 13.862, 88.349

 69, 13.862, 88.349

 59, 13.862, 88.349

 49, 13.862, 88.349

 39, 13.862, 88.349

 29, 13.862, 88.349

 19, 13.862, 88.349

 9, 13.862, 88.349

 0, 13.862, 88.349

89, 13.862, 88.349

89, 13.862, 88.349

86, 22.699, 87.043

92, 5.215, 89.607

84, 31.696, 85.681

94, 3.240, 270.981

82, 40.789, 84.278

96, 5.753, 248.961

79, 49.837, 82.825

98, 6.576, 201.310

77, 58.565, 81.296

99, 6.747, 199.076

75, 66.480, 79.631

73, 72.801, 77.706

71, 76.615, 75.324

70, 77.629, 74.328

Harmonies

Complementary

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



89, 13.862, 88.349



84, 13.798, 272.693

Rectangle

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



89, 13.862, 88.349



89, 13.862, 138.349



89, 13.862, 268.349



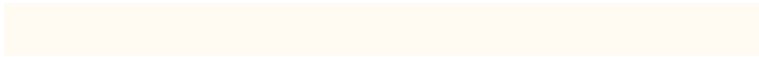
89, 13.862, 318.349

Sweetspot

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



89, 13.863, 88.359



99, 4.516, 89.737



83, 15.663, 354.145



52, 3.084, 89.657



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, 13.863, 88.359



95, 17.464, 87.979



92, 19.642, 114.850



48, 4.825, 89.207



55, 63.799, 74.871



15, 23.230, 77.637

Inverse Universe

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



84, 13.798, 272.693



89, 17.359, 273.162



81, 20.357, 297.400



46, 4.819, 271.708



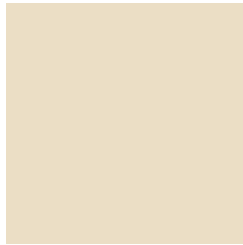
31, 74.480, 296.054



6, 26.554, 288.548

Previews

White Background



This preview shows how the CIELCh color 89, 13.862, 88.349 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, 13.862, 88.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

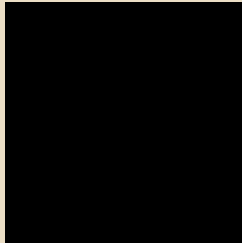
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

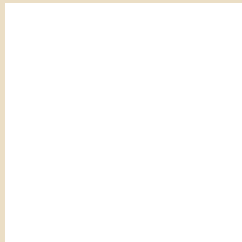
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 13.862, 88.349

Background



This preview shows how black text looks on a background with the CIELCh color 89, 13.862, 88.349.

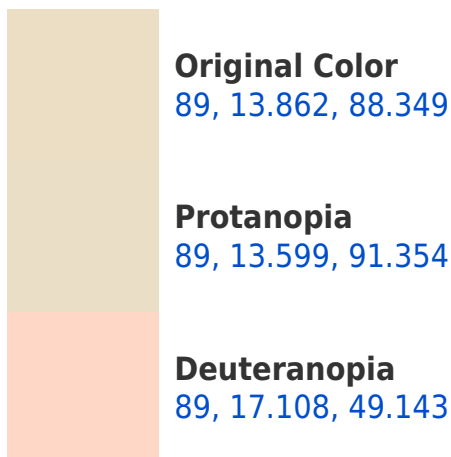


This preview shows how white text looks on a background with the CIELCh color 89, 13.862, 88.349.

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](#).

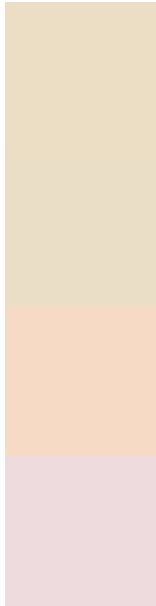
Dichromacy





Tritanopia
89, 12.114, 333.354

Trichromacy



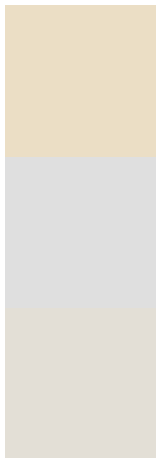
Original Color
89, 13.862, 88.349

Protanomaly
89, 13.599, 91.354

Deuteranomaly
89, 15.195, 62.778

Tritanomaly
89, 6.994, 11.305

Monochromacy



Original Color
89, 13.862, 88.349

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 4.879, 92.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 13.862, 88.349 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(235, 222, 197)` looks like.

```
.text, #text, p{  
    color:rgb(235, 222, 197)  
}
```

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(235, 222, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 222, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 13.862, 88.349 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(235, 222, 197) }
```

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

```
.border{ border-color:rgb(235, 222, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 222, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 222, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 222, 197); box-shadow:4px 4px 4px 4px rgb(235, 222, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 13.862, 88.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 222, 197) }
```

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

```
.background{ background-color: rgb(235,  
222, 197) }
```

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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