

Converting Colors

CIELCh(89, 1.287, 82.589)

Have a look what the booklet for
CIELCh(89, 1.287, 82.589) contains.

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Color

CIELCh(89, 1.250, 74.884)

Conversions

Conversions Part 1

Format	Color
Hex	E1DFDD
RGB	225, 223, 221
RGB Percent	88%, 87%, 87%
CMY	0.1168, 0.1246, 0.1325
CMYK	0.00, 0.01, 0.02, 0.12
HSL	30°, 6%, 88%
HSV	30°, 2%, 88%
XYZ	70.6432, 74.1641, 79.1480
YIQ	223.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

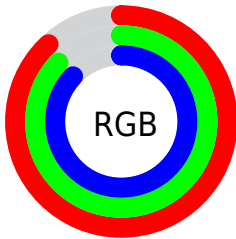
Format	Color
R _Y B	225, 225, 221
Decimal	14802909
CIE Lab	89.00, 0.33, 1.21
CIE LCh	89, 1.250, 74.884
Yxy	74.1641, 0.3154, 0.3312
Android (android.graphics.Color)	4292992989 (0xFFE1DFDD)
YUV	223.3700, -1.1684, 1.4295
Hunter-Lab	86.1186, -4.2838, 5.7920

Details

The CIELCh color **89, 1.250, 74.884** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 1.261, 256.059**, 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, 1.320, 74.894** is the 20% darker color. If you saturate the color by 10%, you get **86, 8.525, 74.037**, and if you desaturate by 10%, it is **92, 5.712, 256.580**.

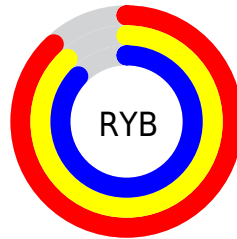
Distribution



Red (88%)

Green (87%)

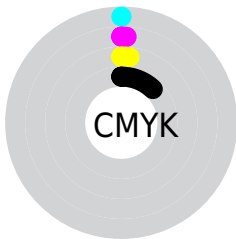
Blue (87%)



Red (88%)

Yellow (88%)

Blue (87%)

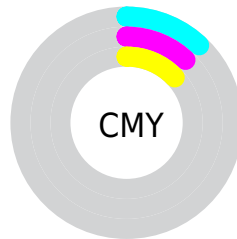


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 1.250, 74.884 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, 1.250, 74.884 by changing the saturation by 10% instead.



89, 1.250, 74.884

89, 1.250, 74.884

86, 8.525, 74.037

92, 5.712, 256.580

82, 16.141, 72.810

96, 8.332, 234.135

79, 24.120, 71.554

98, 10.101,
198.833

76, 32.466, 70.283

73, 41.143, 68.997

70, 50.036, 67.674

67, 58.876, 66.253

64, 67.116, 64.591

62, 73.805, 62.409

Harmonies

Complementary

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



89, 1.250, 74.884



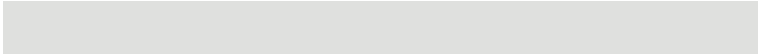
89, 1.261, 256.059

Rectangle

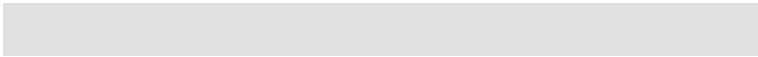
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



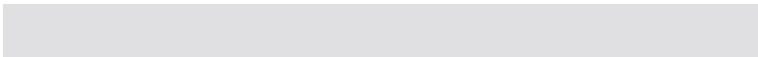
89, 1.250, 74.884



89, 1.250, 124.884



89, 1.250, 254.884



89, 1.250, 304.884

Sweetspot

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



89, 1.251, 74.991



100, 0.774, 74.835



89, 1.790, 343.548



53, 0.440, 74.811



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

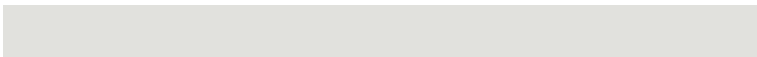
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 1.251, 74.991



99, 1.559, 75.000



90, 2.067, 109.974



47, 0.798, 74.996



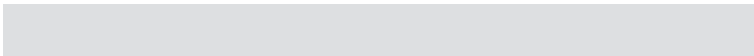
47, 64.461, 60.818



11, 19.647, 60.344

Inverse Universe

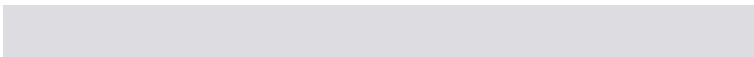
The Inverse Universe completely reimagines the original color for something new.



89, 1.261, 256.059



99, 1.569, 256.051



88, 2.096, 290.383



47, 0.803, 256.054



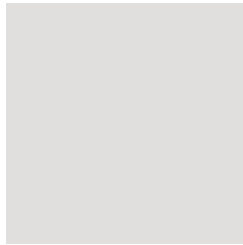
38, 54.589, 283.993



8, 19.005, 274.759

Previews

White Background



This preview shows how the CIE LCh color 89, 1.250, 74.884 looks on a white background.

Color Contrast Check

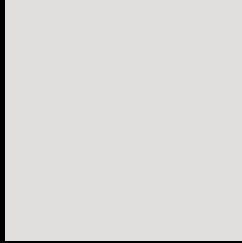
Large Text (above 18pt) WCAG AA × Fail

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 89, 1.250, 74.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

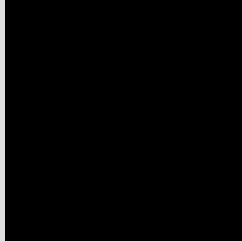
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

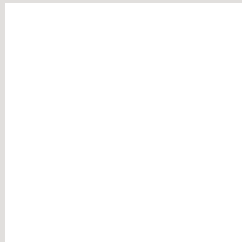
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 1.250, 74.884

Background



This preview shows how black text looks on a background with the CIELCh color 89, 1.250, 74.884.

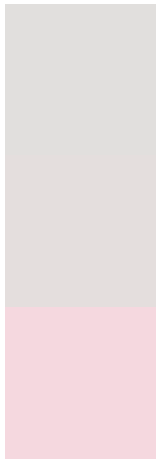


This preview shows how white text looks on a background with the CIELCh color 89, 1.250, 74.884.

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, 1.250, 74.884

Protanopia
89, 2.219, 32.816

Deuteranopia
89, 11.179, 1.255



Tritanopia
89, 9.233, 306.270

Trichromacy



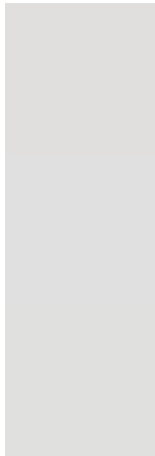
Original Color
89, 1.250, 74.884

Protanomaly
89, 1.868, 35.347

Deuteranomaly
89, 7.082, 7.151

Tritanomaly
89, 5.531, 309.234

Monochromacy



Original Color
89, 1.250, 74.884

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 0.509, 109.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 1.250, 74.884 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(225, 223, 221)` looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 221)  
}
```

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(225, 223, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 1.250, 74.884 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(225, 223, 221) }
```

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

```
.border{ border-color:rgb(225, 223, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 223, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 221);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 1.250, 74.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 221) }
```

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

```
.background{ background-color: rgb(225,  
223, 221) }
```

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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