

Converting Colors

CIELCh(89, 2.614, 30.412)

Have a look what the booklet for
CIELCh(89, 2.614, 30.412) contains.

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Color

CIELCh(89, 2.574, 30.983)

Conversions

Conversions Part 1

Format	Color
Hex	E5DEDD
RGB	229, 222, 221
RGB Percent	90%, 87%, 87%
CMY	0.1017, 0.1292, 0.1331
CMYK	0.00, 0.03, 0.03, 0.10
HSL	8°, 13%, 88%
HSV	8°, 3%, 90%
XYZ	71.5269, 74.1641, 78.9919
YIQ	223.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

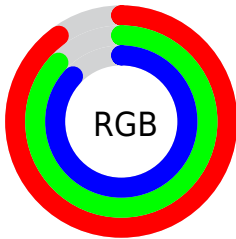
Format	Color
R _Y B	229, 222, 221
Decimal	15064797
CIE Lab	89.00, 2.21, 1.33
CIE LCh	89, 2.574, 30.983
Yxy	74.1641, 0.3183, 0.3301
Android (android.graphics.Color)	4293254877 (0xFFE5DEDD)
YUV	223.9790, -1.4686, 4.4034
Hunter-Lab	86.1186, -2.4520, 5.8995

Details

The CIELCh color **89, 2.574, 30.983** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 2.518, 211.438**, 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, 2.721, 31.053** is the 20% darker color. If you saturate the color by 10%, you get **83, 10.362, 31.411**, and if you desaturate by 10%, it is **95, 4.606, 211.318**.

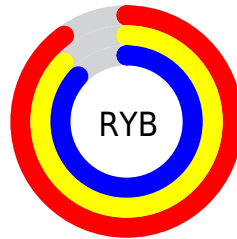
Distribution



Red (90%)

Green (87%)

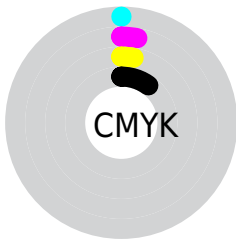
Blue (87%)



Red (90%)

Yellow (87%)

Blue (87%)

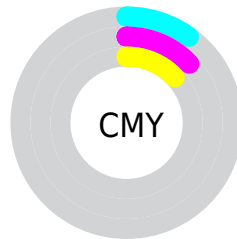


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (10%)



Cyan (10%)

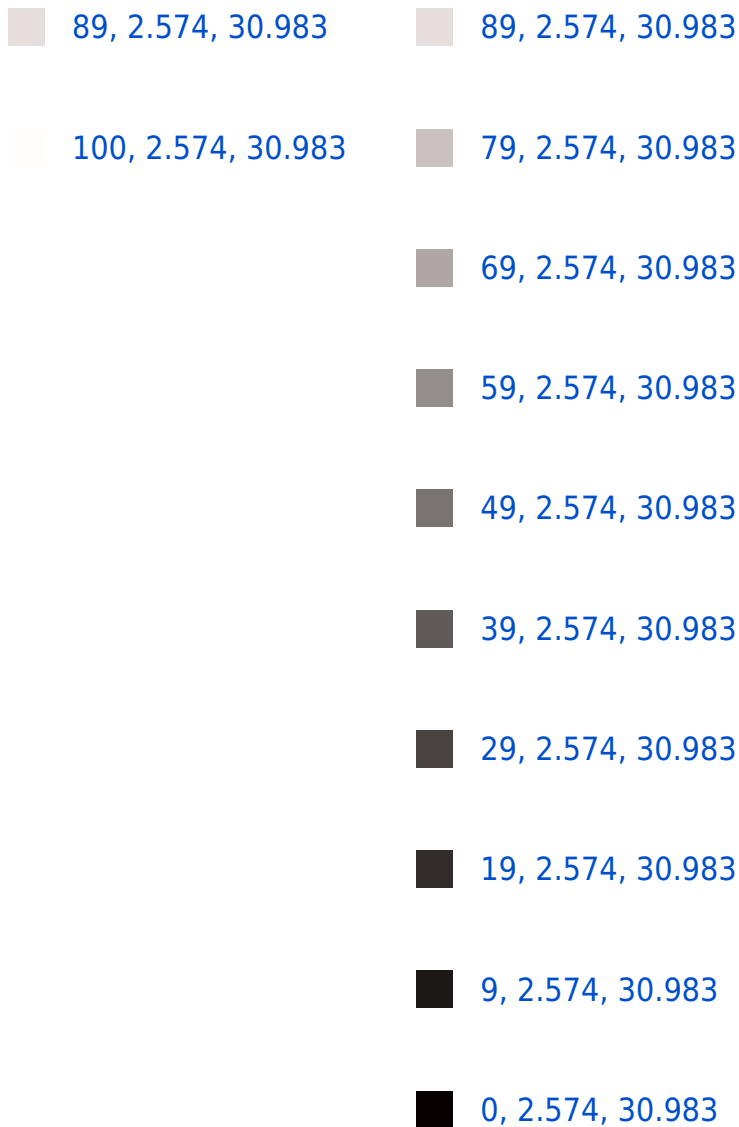
Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 2.574, 30.983 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, 2.574, 30.983 by changing the saturation by 10% instead.



89, 2.574, 30.983

89, 2.574, 30.983

83, 10.362, 31.411

95, 4.606, 211.318

78, 18.814, 31.781

98, 8.833, 198.922

73, 27.965, 32.327

68, 37.812, 33.114

63, 48.297, 34.203

59, 59.268, 35.640

55, 70.423, 37.411

52, 81.144, 39.327

50, 90.067, 40.806

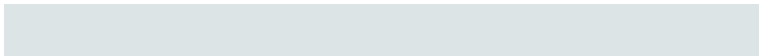
Harmonies

Complementary

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



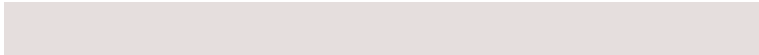
89, 2.574, 30.983



90, 2.518, 211.438

Rectangle

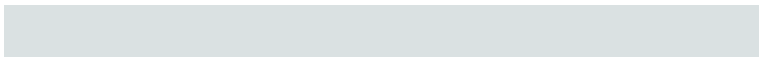
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 2.574, 30.983



89, 2.574, 80.983



89, 2.574, 210.983



89, 2.574, 260.983

Sweetspot

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



89, 2.573, 31.034



99, 0.795, 30.404



89, 4.691, 327.920



53, 0.452, 30.359



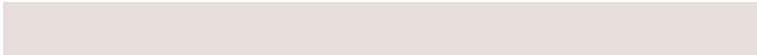
0, 0.000, 0.000



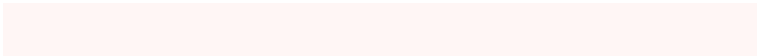
53, 0.007, 296.813

Same Dimension

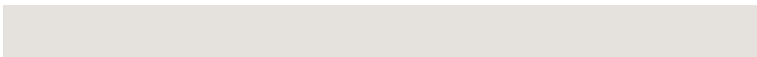
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 2.573, 31.034



98, 3.222, 31.073



90, 2.768, 86.369



47, 2.106, 31.115



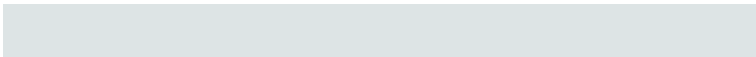
38, 77.939, 41.677



8, 24.820, 28.597

Inverse Universe

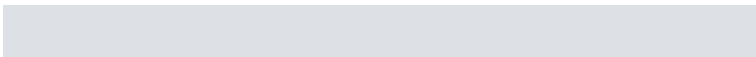
The Inverse Universe completely reimagines the original color for something new.



90, 2.518, 211.438



99, 3.142, 211.403



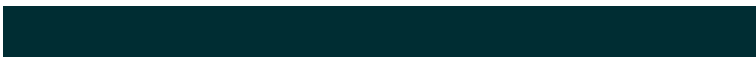
89, 2.778, 267.472



48, 2.045, 211.367



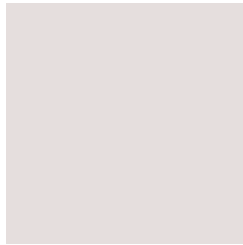
59, 33.622, 219.372



16, 14.270, 215.385

Previews

White Background



This preview shows how the CIELCh color 89, 2.574, 30.983 looks on a white background.

Color Contrast Check

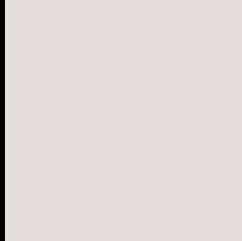
Large Text (above 18pt) WCAG AA × Fail

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, 2.574, 30.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

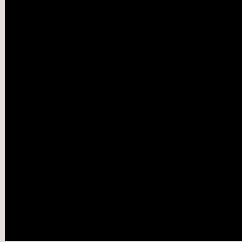
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

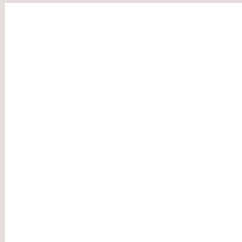
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 2.574, 30.983

Background



This preview shows how black text looks on a background with the CIELCh color 89, 2.574, 30.983.

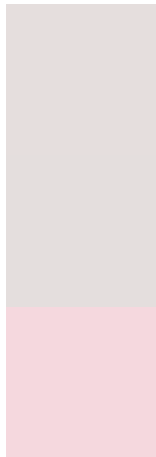


This preview shows how white text looks on a background with the CIELCh color 89, 2.574, 30.983.

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

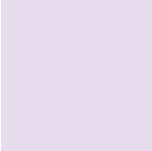
89, 2.574, 30.983

Protanopia

89, 2.219, 32.816

Deuteranopia

89, 11.035, 3.817



Tritanopia
89, 9.720, 314.313

Trichromacy



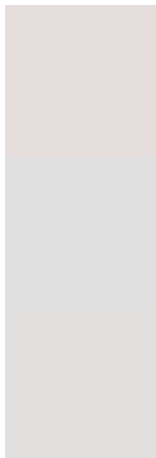
Original Color
89, 2.574, 30.983

Protanomaly
89, 2.219, 32.816

Deuteranomaly
89, 7.919, 4.726

Tritanomaly
89, 6.151, 321.882

Monochromacy



Original Color
89, 2.574, 30.983

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 1.078, 18.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 2.574, 30.983 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, 222, 221)` looks like.

```
.text, #text, p{  
    color:rgb(229, 222, 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(229, 222, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 222, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 2.574, 30.983 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, 222, 221) }
```

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

```
.border{ border-color:rgb(229, 222, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 222, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 222, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 222, 221);  
box-shadow:4px 4px 4px 4px rgb(229, 222,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 2.574, 30.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 222, 221) }
```

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

```
.background{ background-color: rgb(229,  
222, 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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