

Converting Colors

CIELCh(88, 4.350, 25.067)

Have a look what the booklet for
CIELCh(88, 4.350, 25.067) contains.

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Color

CIELCh(88, 4.393, 26.379)

Conversions

Conversions Part 1

Format	Color
Hex	E6DAD9
RGB	230, 218, 217
RGB Percent	90%, 85%, 85%
CMY	0.0976, 0.1446, 0.1485
CMYK	0.00, 0.05, 0.06, 0.10
HSL	5°, 21%, 88%
HSV	5°, 6%, 90%
XYZ	70.3158, 72.0653, 75.9322
YIQ	221.4740, 7.4730, 2.2330

Conversions

Conversions Part 2

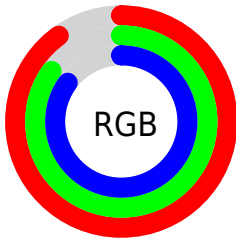
Format	Color
R _Y B	230, 218, 217
Decimal	15129305
CIE Lab	88.00, 3.94, 1.95
CIE LCh	88, 4.393, 26.379
Yxy	72.0653, 0.3221, 0.3301
Android (android.graphics.Color)	4293319385 (0xFFE6DAD9)
YUV	221.4740, -2.2057, 7.4773
Hunter-Lab	84.8913, -0.7074, 6.3911

Details

The CIELCh color **88, 4.393, 26.379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 4.236, 206.345**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 4.267, 27.050** is the 20% darker color. If you saturate the color by 10%, you get **82, 12.676, 26.940**, and if you desaturate by 10%, it is **94, 3.247, 206.435**.

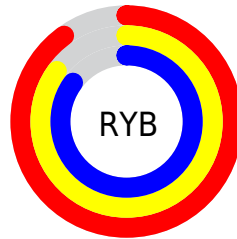
Distribution



Red (90%)

Green (85%)

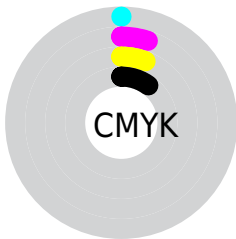
Blue (85%)



Red (90%)

Yellow (85%)

Blue (85%)

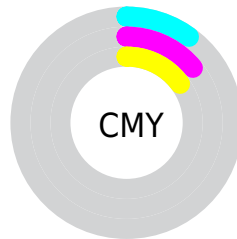


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (10%)



Cyan (10%)

Magenta (14%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 4.393, 26.379 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 88, 4.393, 26.379 by changing the saturation by 10% instead.

 88, 4.393, 26.379

 88, 4.393, 26.379

 100, 4.393, 26.379

 78, 4.393, 26.379

 68, 4.393, 26.379

 58, 4.393, 26.379

 48, 4.393, 26.379

 38, 4.393, 26.379

 28, 4.393, 26.379

 18, 4.393, 26.379

 8, 4.393, 26.379

 0, 4.393, 26.379

88, 4.393, 26.379

88, 4.393, 26.379

82, 12.676, 26.940

94, 3.247, 206.435

76, 21.650, 27.579

98, 8.480, 198.947

71, 31.326, 28.445

66, 41.665, 29.613

61, 52.552, 31.162

57, 63.765, 33.149

53, 74.916, 35.548

51, 85.259, 38.091

49, 93.165, 39.990

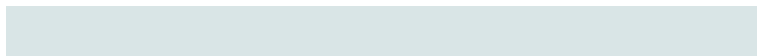
Harmonies

Complementary

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



88, 4.393, 26.379



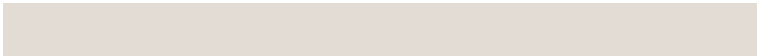
90, 4.236, 206.345

Rectangle

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



88, 4.393, 26.379



88, 4.393, 76.379



88, 4.393, 206.379



88, 4.393, 256.379

Sweetspot

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



88, 4.392, 26.408



99, 1.665, 26.023



88, 7.895, 326.567



53, 0.946, 25.999



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 4.392, 26.408



96, 5.947, 26.488



90, 4.315, 81.484



46, 3.552, 26.517



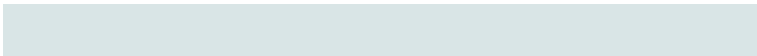
38, 78.895, 40.868



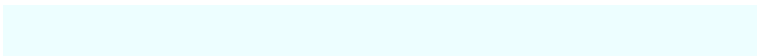
7, 25.661, 25.816

Inverse Universe

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



90, 4.236, 206.345



98, 5.684, 206.281



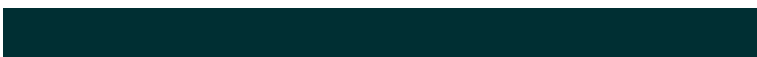
89, 4.295, 263.093



47, 3.383, 206.260



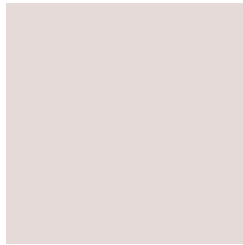
62, 34.841, 209.686



17, 14.800, 207.447

Previews

White Background



This preview shows how the CIELCh color 88, 4.393, 26.379 looks on a white background.

Color Contrast Check

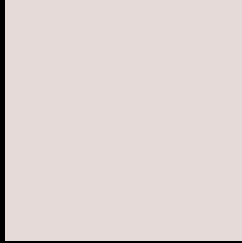
Large Text (above 18pt) WCAG AA × Fail

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 88, 4.393, 26.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

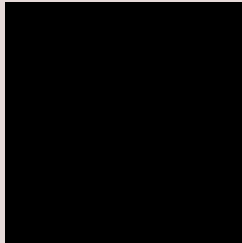
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

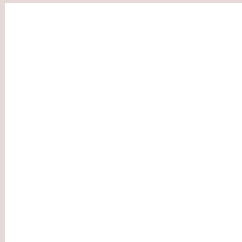
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 4.393, 26.379

Background



This preview shows how black text looks on a background with the CIELCh color 88, 4.393, 26.379.

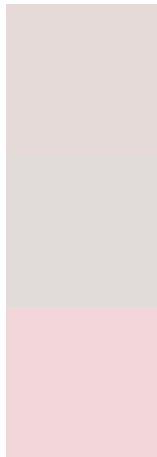


This preview shows how white text looks on a background with the CIELCh color 88, 4.393, 26.379.

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

88, 4.393, 26.379

Protanopia

88, 2.074, 49.335

Deuteranopia

88, 10.839, 9.129



Tritanopia
88, 10.593, 323.205

Trichromacy



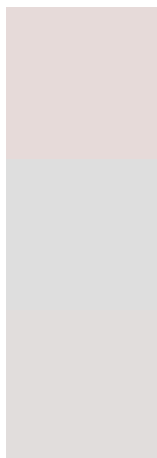
Original Color
88, 4.393, 26.379

Protanomaly
88, 2.939, 29.603

Deuteranomaly
88, 8.112, 12.579

Tritanomaly
88, 7.276, 334.071

Monochromacy



Original Color
88, 4.393, 26.379

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 1.525, 39.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 4.393, 26.379 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(230, 218, 217)` looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 217)  
}
```

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(230, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 4.393, 26.379 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(230, 218, 217) }
```

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

```
.border{ border-color:rgb(230, 218, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 218, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 217);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 4.393, 26.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 217) }
```

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

```
.background{ background-color: rgb(230,  
218, 217) }
```

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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