

Converting Colors

CIELCh(88, 3.696, 52.527)

Have a look what the booklet for
CIELCh(88, 3.696, 52.527) contains.

CIELCh(88, 3.869, 51.976)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(88, 3.869, 51.976)

Conversions

Conversions Part 1

Format	Color
Hex	E4DBD7
RGB	228, 219, 215
RGB Percent	89%, 86%, 84%
CMY	0.1059, 0.1411, 0.1568
CMYK	0.00, 0.04, 0.06, 0.11
HSL	18°, 19%, 87%
HSV	18°, 6%, 89%
XYZ	69.5942, 72.0653, 74.5333
YIQ	221.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

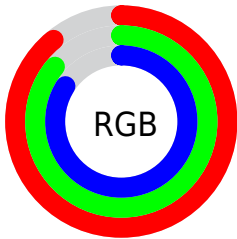
Format	Color
R _Y B	228, 221, 215
Decimal	14998487
CIE Lab	88.00, 2.38, 3.05
CIE LCh	88, 3.869, 51.976
Yxy	72.0653, 0.3219, 0.3333
Android (android.graphics.Color)	4293188567 (0xFFE4DBD7)
YUV	221.2350, -3.0739, 5.9329
Hunter-Lab	84.8913, -2.2247, 7.3682

Details

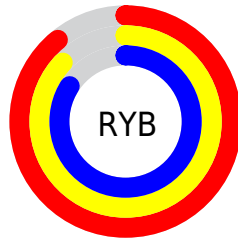
The CIELCh color **88, 3.869, 51.976** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 3.762, 233.125**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 4.099, 51.895** is the 20% darker color. If you saturate the color by 10%, you get **84, 11.063, 51.447**, and if you desaturate by 10%, it is **93, 2.822, 233.056**.

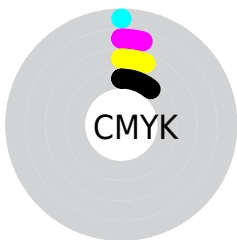
Distribution



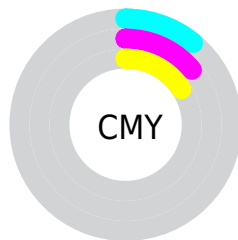
- Red (89%)
- Green (86%)
- Blue (84%)



- Red (89%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (11%)

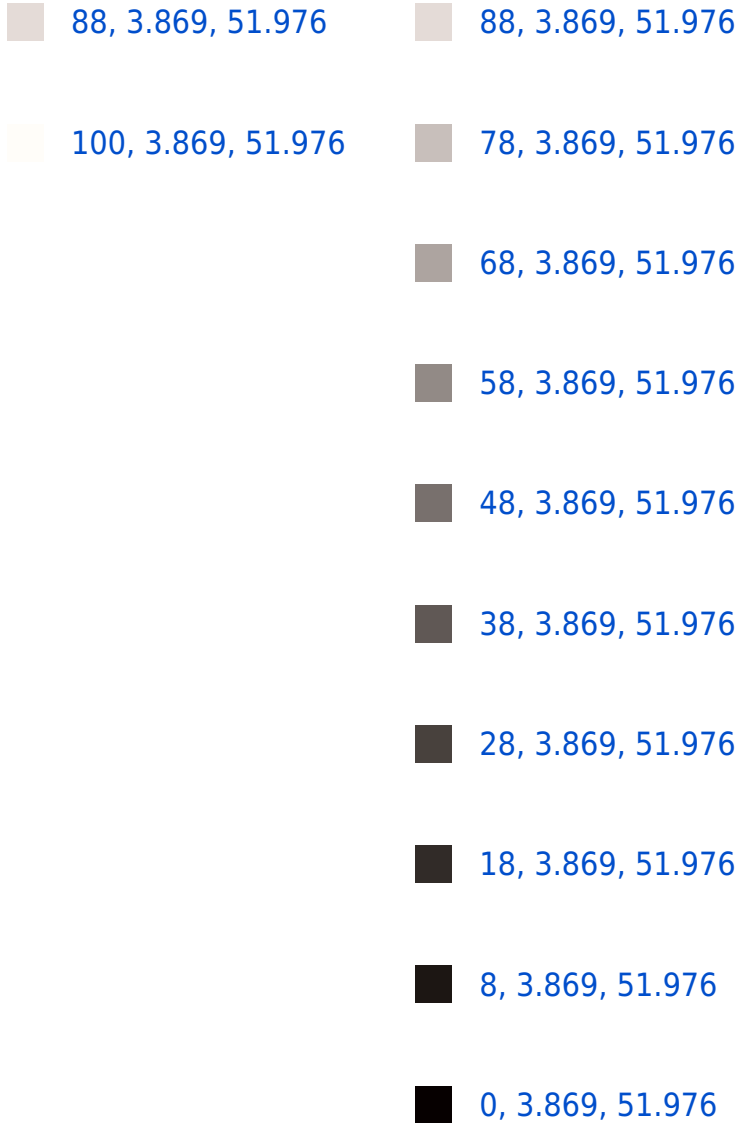


- Cyan (11%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 3.869, 51.976 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, 3.869, 51.976 by changing the saturation by 10% instead.



88, 3.869, 51.976

88, 3.869, 51.976

84, 11.063, 51.447

93, 2.822, 233.056

79, 18.815, 50.872

97, 7.952, 215.640

75, 27.169, 50.370

98, 9.182, 198.897

71, 36.153, 49.969

67, 45.746, 49.682

63, 55.842, 49.496

60, 66.150, 49.333

56, 75.993, 48.966

54, 84.027, 47.901

Harmonies

Complementary

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



88, 3.869, 51.976



89, 3.762, 233.125

Rectangle

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



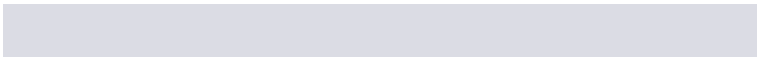
88, 3.869, 51.976



88, 3.869, 101.976



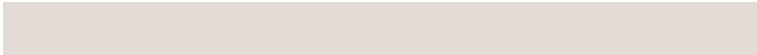
88, 3.869, 231.976



88, 3.869, 281.976

Sweetspot

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



88, 3.869, 52.014



99, 1.463, 52.001



87, 6.703, 334.618



53, 0.831, 51.986



0, 0.000, 0.000



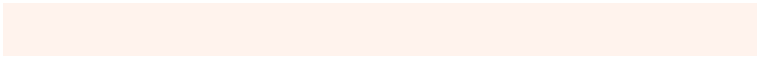
53, 0.007, 296.813

Same Dimension

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



88, 3.869, 52.014



97, 5.227, 51.950



90, 5.460, 99.728



46, 3.121, 51.923



42, 71.968, 47.902



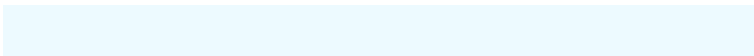
10, 22.184, 41.333

Inverse Universe

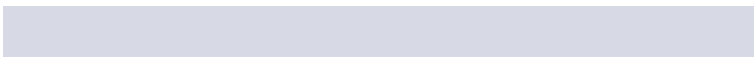
The Inverse Universe completely reimagines the original color for something new.



89, 3.762, 233.125



97, 5.043, 233.208



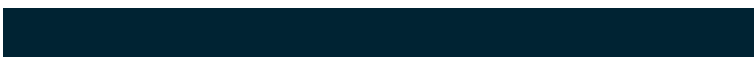
87, 5.511, 281.098



47, 3.002, 233.243



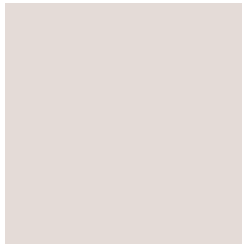
49, 37.907, 257.456



12, 14.861, 248.281

Previews

White Background



This preview shows how the CIELCh color 88, 3.869, 51.976 looks on a white background.

Color Contrast Check

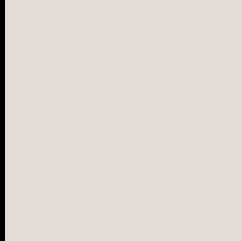
Large Text (above 18pt) WCAG AA × Fail

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 88, 3.869, 51.976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

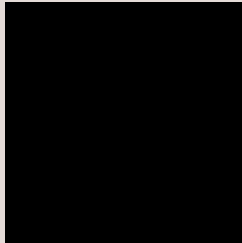
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

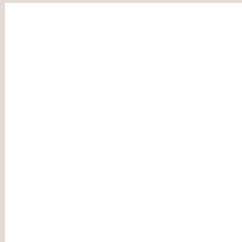
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 3.869, 51.976

Background



This preview shows how black text looks on a background with the CIELCh color 88, 3.869, 51.976.

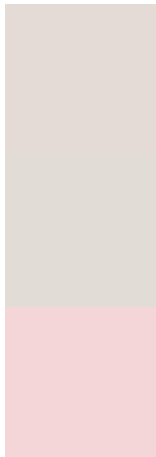


This preview shows how white text looks on a background with the CIELCh color 88, 3.869, 51.976.

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

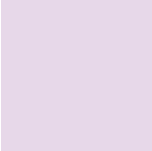
88, 3.869, 51.976

Protanopia

88, 3.377, 69.652

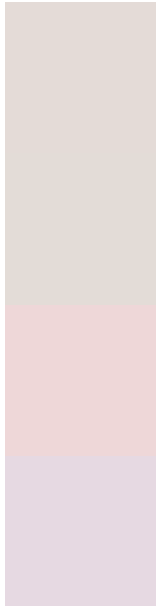
Deuteranopia

88, 11.520, 12.458



Tritanopia
88, 10.406, 321.538

Trichromacy



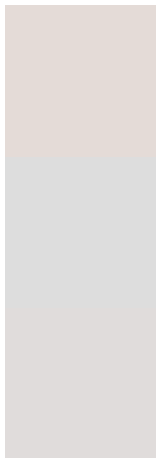
Original Color
88, 3.869, 51.976

Protanomaly
88, 3.623, 65.206

Deuteranomaly
88, 8.452, 16.437

Tritanomaly
88, 6.654, 334.928

Monochromacy



Original Color
88, 3.869, 51.976

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 1.526, 39.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 3.869, 51.976 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(228, 219, 215)` looks like.

```
.text, #text, p{  
    color:rgb(228, 219, 215)  
}
```

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(228, 219, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 219, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 3.869, 51.976 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(228, 219, 215) }
```

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

```
.border{ border-color:rgb(228, 219, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 219, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 219, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 219, 215);  
box-shadow:4px 4px 4px 4px rgb(228, 219,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 3.869, 51.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 219, 215) }
```

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

```
.background{ background-color: rgb(228,  
219, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor