

Converting Colors

CIELCh(88, 11.164, 86.439)

Have a look what the booklet for
CIELCh(88, 11.164, 86.439) contains.

CIELCh(88, 10.849, 84.842)	3
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Color

CIELCh(88, 10.849, 84.842)

Conversions

Conversions Part 1

Format	Color
Hex	E7DBC8
RGB	231, 219, 200
RGB Percent	91%, 86%, 78%
CMY	0.0928, 0.1399, 0.2144
CMYK	0.00, 0.05, 0.13, 0.09
HSL	37°, 40%, 85%
HSV	37°, 13%, 91%
XYZ	68.9440, 72.0653, 65.1194
YIQ	220.4220, 13.2510, -3.3650

Conversions

Conversions Part 2

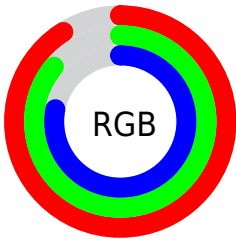
Format	Color
R _Y B	220, 231, 200
Decimal	15195080
CIE Lab	88.00, 0.98, 10.81
CIE LCh	88, 10.849, 84.842
Yxy	72.0653, 0.3345, 0.3496
Android (android.graphics.Color)	4293385160 (0xFFE7DBC8)
YUV	220.4220, -10.0680, 9.2769
Hunter-Lab	84.8913, -3.5920, 13.9430

Details

The CIELCh color **88, 10.849, 84.842** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 10.731, 268.475**, 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, 10.809, 85.165** is the 20% darker color. If you saturate the color by 10%, you get **85, 19.224, 83.541**, and if you desaturate by 10%, it is **91, 2.709, 86.053**.

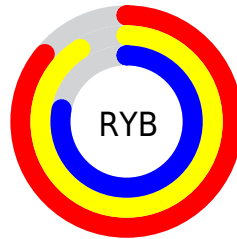
Distribution



Red (91%)

Green (86%)

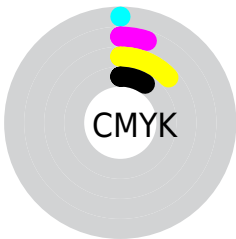
Blue (78%)



Red (86%)

Yellow (91%)

Blue (78%)

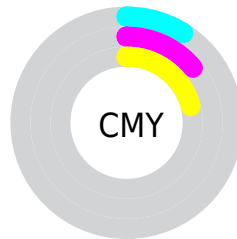


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (9%)



Cyan (9%)

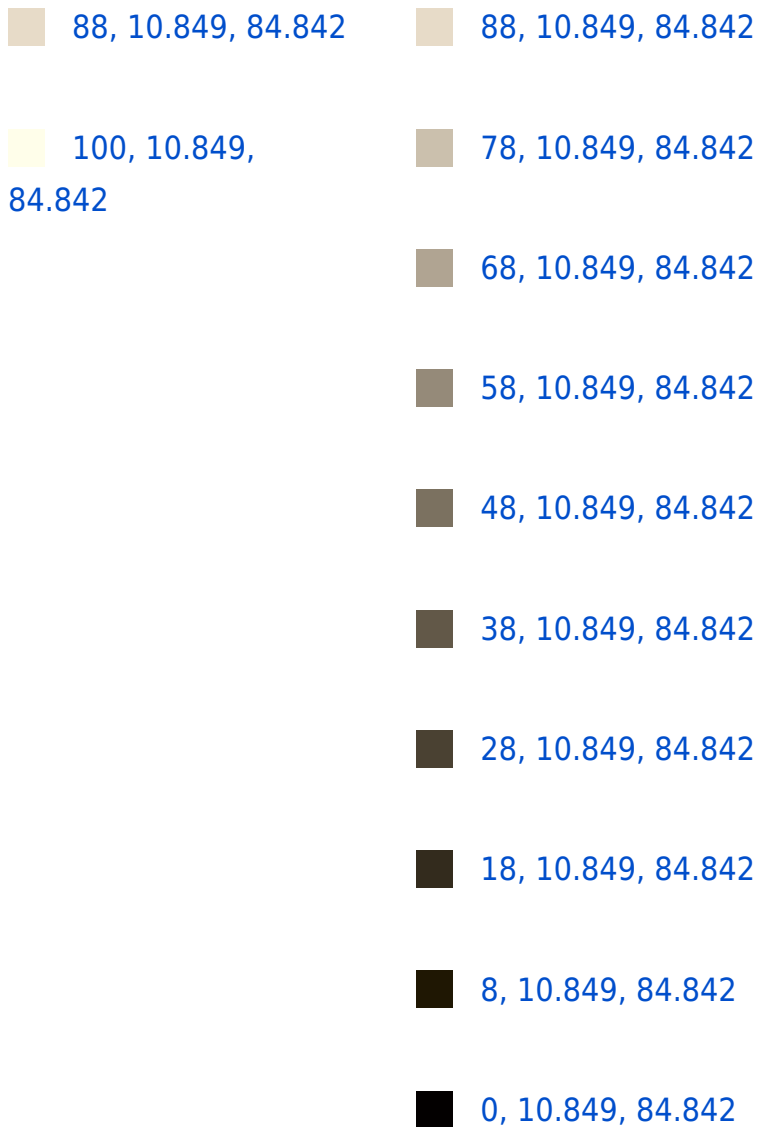
Magenta (14%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 10.849, 84.842 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, 10.849, 84.842 by changing the saturation by 10% instead.



88, 10.849, 84.842

88, 10.849, 84.842

85, 19.224, 83.541

91, 2.709, 86.053

83, 27.825, 82.181

94, 5.206, 267.467

80, 36.616, 80.781

96, 6.717, 241.550

77, 45.503, 79.335

98, 8.077, 198.977

75, 54.288, 77.820

73, 62.583, 76.176

70, 69.711, 74.280

68, 74.723, 71.914

67, 76.845, 70.084

Harmonies

Complementary

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



88, 10.849, 84.842



85, 10.731, 268.475

Rectangle

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



88, 10.849, 84.842



88, 10.849, 134.842



88, 10.849, 264.842



88, 10.849, 314.842

Sweetspot

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



88, 10.850, 84.855



99, 3.451, 85.993



84, 13.122, 350.630



53, 2.456, 85.912



0, 0.000, 0.000



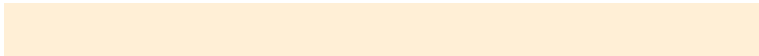
53, 0.007, 296.813

Same Dimension

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



88, 10.850, 84.855



95, 14.072, 84.508



91, 16.028, 113.015



47, 4.541, 85.356



52, 63.244, 70.692



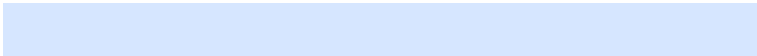
14, 21.474, 72.976

Inverse Universe

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



85, 10.731, 268.475



91, 13.877, 268.890



82, 16.521, 295.305



45, 4.512, 267.900



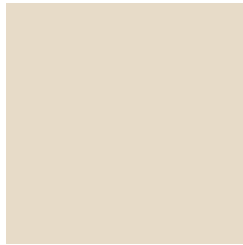
33, 68.247, 293.209



7, 23.746, 284.912

Previews

White Background



This preview shows how the CIELCh color 88, 10.849, 84.842 looks on a white background.

Color Contrast Check

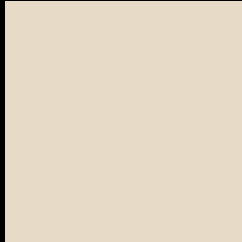
Large Text (above 18pt) WCAG AA × Fail

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, 10.849, 84.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

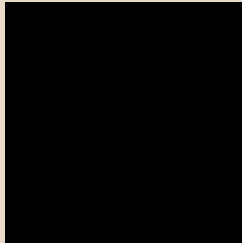
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 10.849, 84.842

Background



This preview shows how black text looks on a background with the CIELCh color 88, 10.849, 84.842.

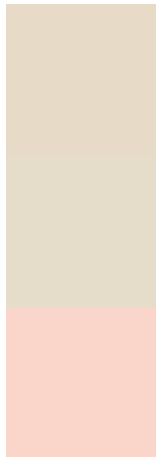


This preview shows how white text looks on a background with the CIELCh color 88, 10.849, 84.842.

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

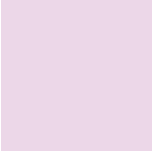
88, 10.849, 84.842

Protanopia

88, 10.423, 90.520

Deuteranopia

88, 14.812, 42.862



Tritanopia
88, 11.660, 330.719

Trichromacy



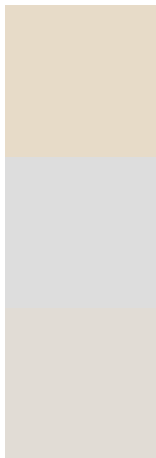
Original Color
88, 10.849, 84.842

Protanomaly
88, 10.550, 88.583

Deuteranomaly
88, 12.866, 54.310

Tritanomaly
88, 6.380, 5.634

Monochromacy



Original Color
88, 10.849, 84.842

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 4.055, 83.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 10.849, 84.842 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(231, 219, 200)` looks like.

```
.text, #text, p{  
    color:rgb(231, 219, 200)  
}
```

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(231, 219, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 219, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 10.849, 84.842 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(231, 219, 200) }
```

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

```
.border{ border-color:rgb(231, 219, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 219, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 219, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 219, 200);  
box-shadow:4px 4px 4px 4px rgb(231, 219,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 10.849, 84.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 219, 200) }
```

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

```
.background{ background-color: rgb(231,  
219, 200) }
```

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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