

Converting Colors

CIELCh(88, 10.628, 86.553)

Have a look what the booklet for
CIELCh(88, 10.628, 86.553) contains.

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Color

CIELCh(88, 10.689, 86.691)

Conversions

Conversions Part 1

Format	Color
Hex	E7DCC9
RGB	231, 220, 201
RGB Percent	91%, 86%, 79%
CMY	0.0959, 0.1390, 0.2135
CMYK	0.00, 0.05, 0.13, 0.10
HSL	38°, 38%, 85%
HSV	38°, 13%, 90%
XYZ	68.7791, 72.0653, 65.2748
YIQ	221.1230, 12.6550, -3.5770

Conversions

Conversions Part 2

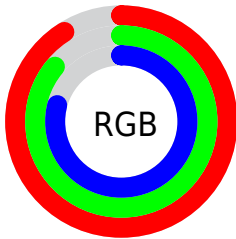
Format	Color
R _Y B	218, 231, 201
Decimal	15195337
CIE Lab	88.00, 0.62, 10.67
CIE LCh	88, 10.689, 86.691
Yxy	72.0653, 0.3337, 0.3496
Android (android.graphics.Color)	4293385417 (0xFFE7DCC9)
YUV	221.1230, -9.9206, 8.6621
Hunter-Lab	84.8913, -3.9386, 13.8345

Details

The CIELCh color **88, 10.689, 86.691** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 10.615, 270.190**, 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, 10.638, 87.154** is the 20% darker color. If you saturate the color by 10%, you get **85, 19.160, 85.396**, and if you desaturate by 10%, it is **91, 2.432, 87.887**.

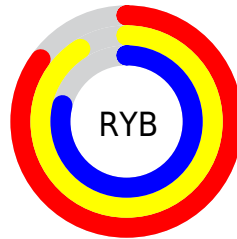
Distribution



Red (91%)

Green (86%)

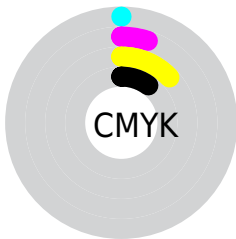
Blue (79%)



Red (85%)

Yellow (91%)

Blue (79%)

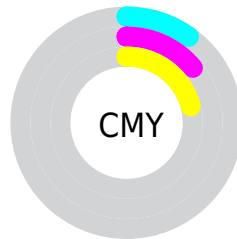


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (10%)



Cyan (10%)

Magenta (14%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 10.689, 86.691 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, 10.689, 86.691 by changing the saturation by 10% instead.

 88, 10.689, 86.691

 88, 10.689, 86.691

 100, 10.689,
86.691

 78, 10.689, 86.691

 68, 10.689, 86.691

 58, 10.689, 86.691

 48, 10.689, 86.691

 38, 10.689, 86.691

 28, 10.689, 86.691

 18, 10.689, 86.691

 8, 10.689, 86.691

 0, 10.689, 86.691

88, 10.689, 86.691

88, 10.689, 86.691

85, 19.160, 85.396

91, 2.432, 87.887

83, 27.830, 84.041

93, 5.618, 269.290

80, 36.660, 82.644

96, 7.047, 246.605

78, 45.550, 81.201

98, 7.805, 205.169

76, 54.294, 79.690

98, 8.337, 198.958

73, 62.505, 78.060

71, 69.513, 76.198

69, 74.394, 73.909

68, 76.492, 72.030

Harmonies

Complementary

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



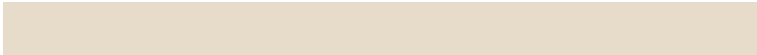
88, 10.689, 86.691



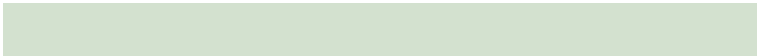
84, 10.615, 270.190

Rectangle

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



88, 10.689, 86.691



88, 10.689, 136.691



88, 10.689, 266.691



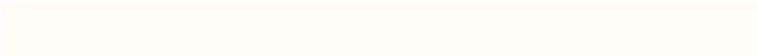
88, 10.689, 316.691

Sweetspot

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



88, 10.690, 86.704



99, 3.520, 87.790



84, 12.451, 352.709



53, 2.505, 87.709



0, 0.000, 0.000



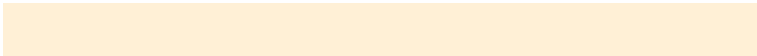
53, 0.007, 296.813

Same Dimension

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



88, 10.690, 86.704



95, 14.329, 86.307



90, 15.547, 114.411



47, 4.628, 87.152



53, 63.143, 72.604



14, 21.683, 75.135

Inverse Universe

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



84, 10.615, 270.190



91, 14.193, 270.662



82, 16.005, 296.496



45, 4.610, 269.678



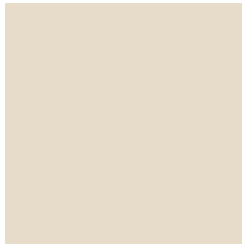
32, 70.697, 294.541



6, 24.421, 286.092

Previews

White Background



This preview shows how the CIELCh color 88, 10.689, 86.691 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, 10.689, 86.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

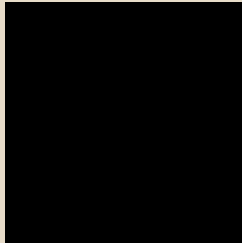
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 10.689, 86.691

Background



This preview shows how black text looks on a background with the CIELCh color 88, 10.689, 86.691.

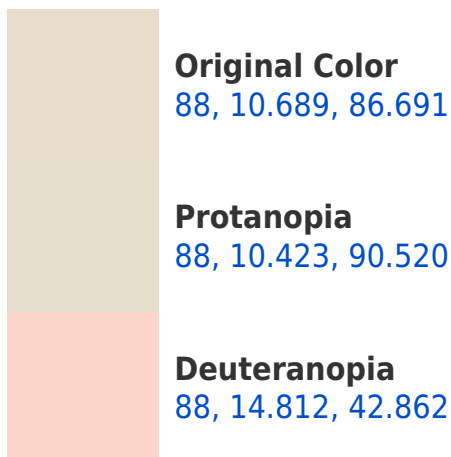


This preview shows how white text looks on a background with the CIELCh color 88, 10.689, 86.691.

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





Tritanopia
88, 11.433, 329.324

Trichromacy



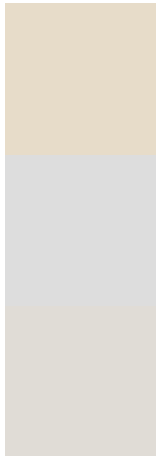
Original Color
88, 10.689, 86.691

Protanomaly
88, 10.550, 88.583

Deuteranomaly
88, 12.549, 55.288

Tritanomaly
88, 6.176, 0.075

Monochromacy



Original Color
88, 10.689, 86.691

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 3.428, 84.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 10.689, 86.691 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, 220, 201)` looks like.

```
.text, #text, p{  
    color:rgb(231, 220, 201)  
}
```

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, 220, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 220, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 10.689, 86.691 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, 220, 201) }
```

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

```
.border{ border-color:rgb(231, 220, 201) }
```

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

Here you see how a box with a 4 pixel rgb(231, 220, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 220, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 220, 201);  
box-shadow:4px 4px 4px 4px rgb(231, 220,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 10.689, 86.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 220, 201) }
```

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

```
.background{ background-color: rgb(231,  
220, 201) }
```

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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