

Converting Colors

CIELCh(88, 28.176, 99.442)

Have a look what the booklet for
CIELCh(88, 28.176, 99.442) contains.

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Color

CIELCh(88, 28.188, 99.806)

Conversions

Conversions Part 1

Format	Color
Hex	E8DEA8
RGB	232, 222, 168
RGB Percent	91%, 87%, 66%
CMY	0.0911, 0.1302, 0.3420
CMYK	0.00, 0.04, 0.28, 0.09
HSL	51°, 58%, 78%
HSV	51°, 28%, 91%
XYZ	66.3187, 72.0653, 47.3589
YIQ	218.8340, 23.2940, -14.6740

Conversions

Conversions Part 2

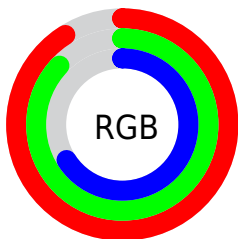
Format	Color
RYB	180, 232, 168
Decimal	15261352
CIELab	88.00, -4.80, 27.78
CIELCh	88, 28.188, 99.806
Yxy	72.0653, 0.3570, 0.3880
Android (android.graphics.Color)	4293451432 (0xFFE8DEA8)
YUV	218.8340, -25.0612, 11.5466
Hunter-Lab	84.8913, -9.1120, 26.3473

Details

The CIELCh color **88, 28.188, 99.806** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 29.378, 286.647**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.187, 108.954**, and **68, 27.970, 99.483** is the 20% darker color. If you saturate the color by 10%, you get **87, 38.326, 98.648**, and if you desaturate by 10%, it is **89, 17.967, 100.956**.

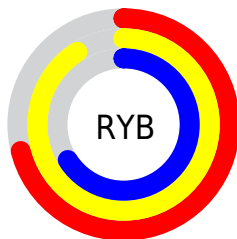
Distribution



Red (91%)

Green (87%)

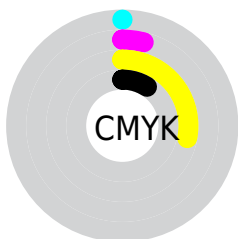
Blue (66%)



Red (71%)

Yellow (91%)

Blue (66%)

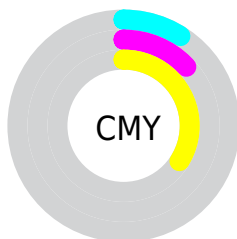


Cyan (0%)

Magenta (4%)

Yellow (28%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 28.188, 99.806 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, 28.188, 99.806 by changing the saturation by 10% instead.

 88, 28.188, 99.806

 88, 28.188, 99.806

 100, 28.188,
99.806

 78, 28.188, 99.806

 68, 28.188, 99.806

 58, 28.188, 99.806

 48, 28.188, 99.806

 38, 28.188, 99.806

 28, 28.188, 99.806

 18, 28.188, 99.806

 8, 28.188, 99.806

 0, 28.188, 99.806

88, 28.188, 99.806

88, 28.188, 99.806

87, 38.326, 98.648

89, 17.967,
100.956

85, 48.235, 97.478

91, 7.740, 102.067

84, 57.676, 96.312

92, 2.443, 283.235

83, 66.260, 95.158

94, 9.753, 281.922

82, 73.410, 94.017

95, 8.202, 271.100

81, 78.415, 92.871

95, 7.062, 256.151

80, 80.786, 91.683

96, 6.545, 237.374

80, 81.155, 91.396

97, 6.787, 217.874

98, 7.709, 201.455

Harmonies

Complementary

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



88, 28.188, 99.806



73, 29.378, 286.647

Rectangle

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



88, 28.188, 99.806



88, 28.188, 149.806



88, 28.188, 279.806



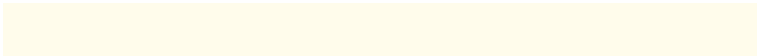
88, 28.188, 329.806

Sweetspot

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



88, 28.190, 99.811



99, 8.799, 102.019



75, 25.345, 8.799



52, 6.256, 101.854



0, 0.000, 0.000



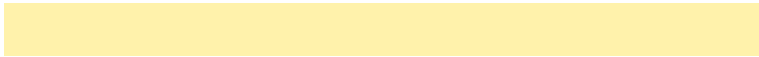
53, 0.007, 296.813

Same Dimension

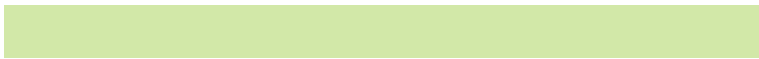
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 28.190, 99.811



95, 36.385, 99.165



89, 33.860, 121.517



48, 5.738, 101.866



63, 66.844, 91.614



18, 25.399, 93.972

Inverse Universe

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



73, 29.378, 286.647



76, 38.315, 287.615



73, 35.691, 304.795



45, 5.821, 284.029



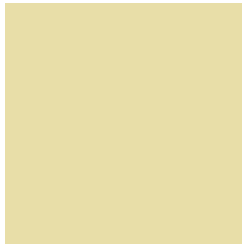
24, 93.341, 303.671



4, 30.053, 293.497

Previews

White Background



This preview shows how the CIELCh color 88, 28.188, 99.806 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, 28.188, 99.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

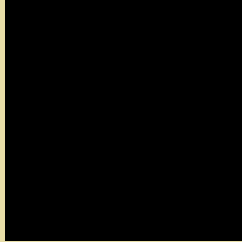
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 28.188, 99.806

Background



This preview shows how black text looks on a background with the CIELCh color 88, 28.188, 99.806.



This preview shows how white text looks on a background with the CIELCh color 88, 28.188, 99.806.

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, 28.188, 99.806

Protanopia

88, 28.179, 94.888

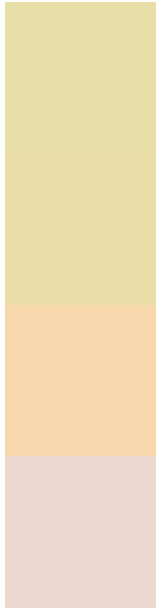
Deuteranopia

88, 25.624, 68.195



Tritanopia
88, 12.909, 336.969

Trichromacy



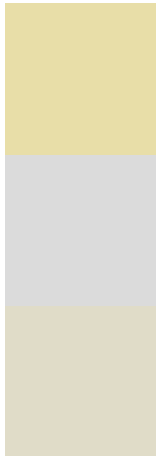
Original Color
88, 28.188, 99.806

Protanomaly
88, 28.407, 97.417

Deuteranomaly
88, 25.596, 79.707

Tritanomaly
88, 8.787, 51.928

Monochromacy



Original Color
88, 28.188, 99.806

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 10.502, 101.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 28.188, 99.806 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(232, 222, 168)` looks like.

```
.text, #text, p{  
    color:rgb(232, 222, 168)  
}
```

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(232, 222, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 222, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 28.188, 99.806 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(232, 222, 168) }
```

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

```
.border{ border-color:rgb(232, 222, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 222, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 222, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 222, 168);  
box-shadow:4px 4px 4px 4px rgb(232, 222,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 28.188, 99.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 222, 168) }
```

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

```
.background{ background-color: rgb(232,  
222, 168) }
```

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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