

Converting Colors

CIELCh(88, 14.786, 98.623)

Have a look what the booklet for
CIELCh(88, 14.786, 98.623) contains.

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Color

CIELCh(88, 14.773, 98.631)

Conversions

Conversions Part 1

Format	Color
Hex	E4DDC1
RGB	228, 221, 193
RGB Percent	89%, 87%, 76%
CMY	0.1058, 0.1333, 0.2431
CMYK	0.00, 0.03, 0.15, 0.11
HSL	48°, 39%, 83%
HSV	48°, 15%, 89%
XYZ	67.4846, 72.0653, 60.8118
YIQ	219.9010, 13.1600, -7.2240

Conversions

Conversions Part 2

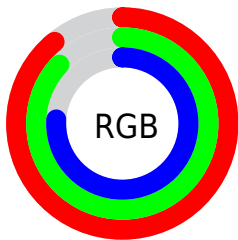
Format	Color
RYB	202, 228, 193
Decimal	14998977
CIELab	88.00, -2.22, 14.61
CIELCh	88, 14.773, 98.631
Yxy	72.0653, 0.3368, 0.3597
Android (android.graphics.Color)	4293189057 (0xFFE4DDC1)
YUV	219.9010, -13.2622, 7.1028
Hunter-Lab	84.8913, -6.6605, 16.9516

Details

The CIELCh color **88, 14.773, 98.631** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **81, 15.029, 282.353**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **68, 14.972, 99.327** is the 20% darker color. If you saturate the color by 10%, you get **86, 24.475, 97.453**, and if you desaturate by 10%, it is **90, 5.122, 99.774**.

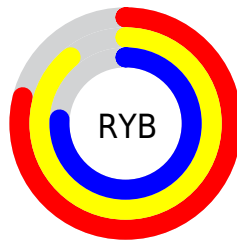
Distribution



Red (89%)

Green (87%)

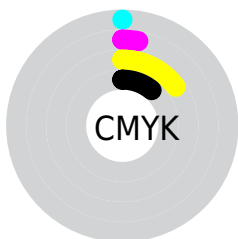
Blue (76%)



Red (79%)

Yellow (89%)

Blue (76%)

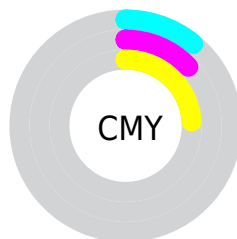


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 14.773, 98.631 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, 14.773, 98.631 by changing the saturation by 10% instead.

■ 88, 14.773, 98.631

■ 88, 14.773, 98.631

■ 100, 14.773,
98.631

■ 78, 14.773, 98.631

■ 68, 14.773, 98.631

■ 58, 14.773, 98.631

■ 48, 14.773, 98.631

■ 38, 14.773, 98.631

■ 28, 14.773, 98.631

■ 18, 14.773, 98.631

■ 8, 14.773, 98.631

■ 0, 14.773, 98.631

88, 14.773, 98.631

88, 14.773, 98.631

86, 24.475, 97.453

90, 5.122, 99.774

85, 34.162, 96.237

91, 4.451, 280.965

83, 43.728, 95.001

93, 10.684,
278.763

82, 52.979, 93.750

94, 8.890, 265.397

80, 61.590, 92.484

95, 7.778, 247.000

79, 69.045, 91.194

96, 7.641, 225.572

78, 74.634, 89.844

98, 8.514, 206.152

77, 77.670, 88.372

98, 9.180, 198.898

76, 78.433, 87.649

Harmonies

Complementary

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



88, 14.773, 98.631



81, 15.029, 282.353

Rectangle

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



88, 14.773, 98.631



88, 14.773, 148.631



88, 14.773, 278.631



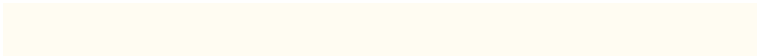
88, 14.773, 328.631

Sweetspot

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



88, 14.775, 98.639



99, 5.241, 99.808



81, 13.590, 4.724



53, 3.577, 99.732



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, 14.775, 98.639



97, 18.990, 98.315



89, 18.542, 120.920



47, 5.481, 99.318



61, 65.403, 87.927



17, 24.434, 90.620

Inverse Universe

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



81, 15.029, 282.353



88, 19.375, 282.750



80, 19.098, 302.753



45, 5.545, 281.565



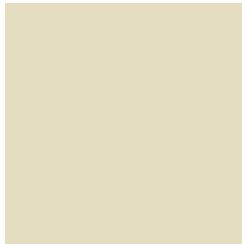
25, 89.374, 302.379



4, 29.058, 292.433

Previews

White Background



This preview shows how the CIELCh color 88, 14.773, 98.631 looks on a white background.

Color Contrast Check

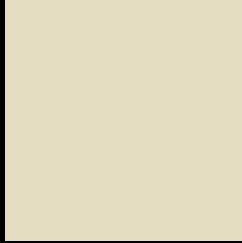
Large Text (above 18pt) WCAG AA × Fail

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, 14.773, 98.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

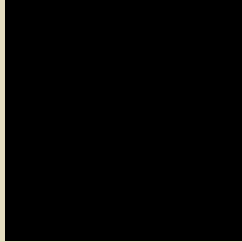
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

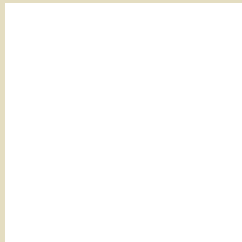
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 14.773, 98.631

Background



This preview shows how black text looks on a background with the CIELCh color 88, 14.773, 98.631.

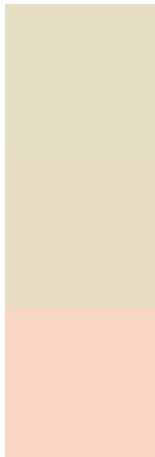


This preview shows how white text looks on a background with the CIELCh color 88, 14.773, 98.631.

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, 14.773, 98.631

Protanopia

88, 14.632, 92.434

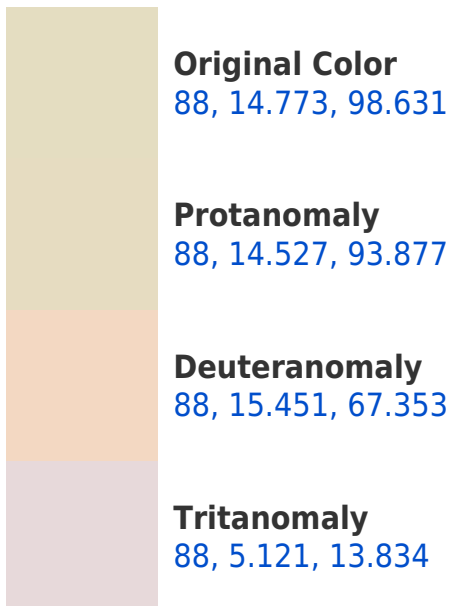
Deuteranopia

88, 17.395, 52.588



Tritanopia
88, 11.002, 326.374

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 14.773, 98.631 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, 221, 193)` looks like.

```
.text, #text, p{  
    color:rgb(228, 221, 193)  
}
```

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, 221, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 221, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 14.773, 98.631 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, 221, 193) }
```

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

```
.border{ border-color:rgb(228, 221, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 221, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 221, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 221, 193);  
box-shadow:4px 4px 4px 4px rgb(228, 221,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 14.773, 98.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 221, 193) }
```

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

```
.background{ background-color: rgb(228,  
221, 193) }
```

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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