

Converting Colors

CIELCh(85, 94.649, 100.799)

Have a look what the booklet for
CIELCh(85, 94.649, 100.799)
contains.

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Color

CIELCh(85, 86.123, 101.121)

Conversions

Conversions Part 1

Format	Color
Hex	E0DA00
RGB	224, 218, 0
RGB Percent	88%, 85%, 0%
CMY	0.1215, 0.1450, 0.9995
CMYK	0.00, 0.03, 1.00, 0.12
HSL	58°, 100%, 44%
HSV	58°, 100%, 88%
XYZ	55.8266, 66.0070, 9.8008
YIQ	194.9420, 73.5540, -66.5260

Conversions

Conversions Part 2

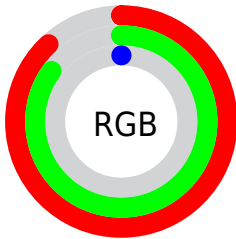
Format	Color
R _Y B	6, 224, 0
Decimal	14735872
CIE Lab	85.00, -16.61, 84.51
CIE LCh	85, 86.123, 101.121
Yxy	66.0070, 0.4241, 0.5014
Android (android.graphics.Color)	4292925952 (0xFFE0DA00)
YUV	194.9420, -96.1064, 25.4839
Hunter-Lab	81.2447, -19.5236, 49.7190

Details

The CIELCh color **85, 86.123, 101.121** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **28, 120.201, 306.030**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 78.626, 104.179**, and **65, 69.336, 102.474** is the 20% darker color. If you saturate the color by 10%, you get **85, 86.131, 101.122**, and if you desaturate by 10%, it is **85, 84.016, 101.443**.

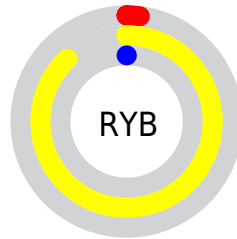
Distribution



Red (88%)

Green (85%)

Blue (0%)



Red (2%)

Yellow (88%)

Blue (0%)

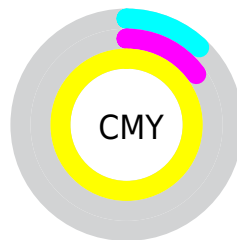


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (12%)



Cyan (12%)


Magenta (15%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 86.123, 101.121 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 85, 86.123, 101.121 by changing the saturation by 10% instead.


 85, 86.123,
101.121


 85, 86.123,
101.121


 100, 86.123,
101.121


 75, 86.123,
101.121

 65, 86.123,
101.121

 55, 86.123,
101.121

 45, 86.123,
101.121

 35, 86.123,
101.121

 25, 86.123,
101.121

 15, 86.123,

101.121

■ 5, 86.123, 101.121

■ 0, 86.123, 101.121

■ 85, 86.123,
101.121

■ 85, 86.123,
101.121

■ 85, 86.131,
101.122

■ 85, 84.016,
101.443

■ 85, 79.654,
101.914

■ 86, 72.990,
102.550

■ 86, 64.558,
103.323

■ 86, 54.919,

104.197

■ 87, 44.514,
105.139

■ 87, 33.649,
106.119

■ 88, 22.520,
107.115

■ 88, 11.254,
108.109

Harmonies

Complementary

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



85, 86.123, 101.121



28, 120.201, 306.030

Rectangle

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



85, 86.123, 101.121



85, 86.123, 151.121



85, 86.123, 281.121



85, 86.123, 331.121

Sweetspot

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



85, 86.122, 101.123



98, 37.434, 106.092



47, 93.439, 38.926



52, 25.462, 105.673



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 86.122, 101.123



95, 94.973, 101.109



80, 98.021, 127.099



47, 6.433, 108.159



68, 71.932, 101.150



19, 27.235, 102.459

Inverse Universe

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



28, 120.201, 306.030



33, 132.769, 306.072



35, 114.101, 311.029



43, 6.570, 290.095



21, 100.051, 305.945



2, 31.044, 295.292

Previews

White Background



This preview shows how the CIELCh color 85, 86.123, 101.121 looks on a white background.

Color Contrast Check

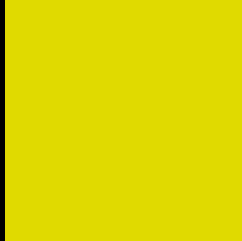
Large Text (above 18pt) WCAG AA × Fail

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 85, 86.123, 101.121 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 85, 86.123, 101.121

Background



This preview shows how black text looks on a background with the CIELCh color 85, 86.123, 101.121.

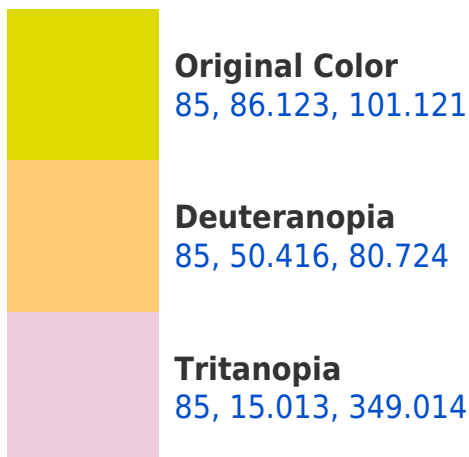


This preview shows how white text looks on a background with the CIELCh color 85, 86.123, 101.121.

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](#).

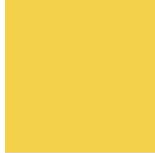
Dichromacy



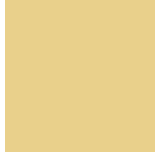
Trichromacy



Original Color
85, 86.123, 101.121



Deuteranomaly
85, 68.341, 91.467

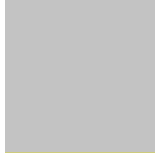


Tritanomaly
84, 37.435, 91.062

Monochromacy



Original Color
85, 86.123, 101.121



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 41.083, 104.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 86.123, 101.121 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(224, 218, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 218, 0)  
}
```

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(224, 218, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 218, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 86.123, 101.121 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(224, 218, 0) }
```

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

```
.border{ border-color:rgb(224, 218, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 218, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 218, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 218, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 218,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 86.123, 101.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 218, 0) }
```

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

```
.background{ background-color: rgb(224,  
218, 0) }
```

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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