

Converting Colors

CIELCh(88, 74.868, 107.838)

Have a look what the booklet for
CIELCh(88, 74.868, 107.838)
contains.

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Color

CIELCh(88, 74.913, 107.877)

Conversions

Conversions Part 1

Format	Color
Hex	DAE649
RGB	218, 230, 73
RGB Percent	85%, 90%, 29%
CMY	0.1446, 0.0976, 0.7132
CMYK	0.05, 0.00, 0.68, 0.10
HSL	65°, 76%, 59%
HSV	65°, 68%, 90%
XYZ	58.4860, 72.0653, 17.1520
YIQ	208.5140, 43.2450, -51.3710

Conversions

Conversions Part 2

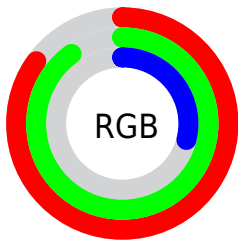
Format	Color
RYB	73, 230, 85
Decimal	14345801
CIELab	88.00, -23.00, 71.30
CIELCh	88, 74.913, 107.877
Yxy	72.0653, 0.3960, 0.4879
Android (android.graphics.Color)	4292535881 (0xFFDAE649)
YUV	208.5140, -66.8084, 8.3192
Hunter-Lab	84.8913, -25.5819, 47.4446

Details

The CIELCh color **88, 74.913, 107.877** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **42, 92.477, 302.737**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 61.322, 105.484**, and **68, 73.460, 108.085** is the 20% darker color. If you saturate the color by 10%, you get **88, 82.180, 107.511**, and if you desaturate by 10%, it is **88, 65.911, 108.445**.

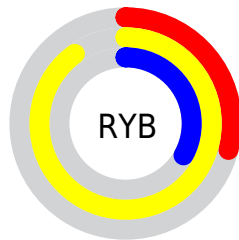
Distribution



Red (85%)

Green (90%)

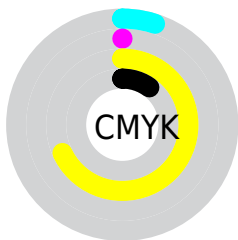
Blue (29%)



Red (29%)

Yellow (90%)

Blue (33%)

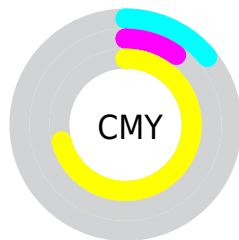


Cyan (5%)

Magenta (0%)

Yellow (68%)

Black (10%)



Cyan (14%)

Magenta (10%)

Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 74.913, 107.877 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, 74.913, 107.877 by changing the saturation by 10% instead.

 88, 74.913,
107.877

 88, 74.913,
107.877

 100, 74.913,
107.877

 78, 74.913,
107.877

 68, 74.913,
107.877

 58, 74.913,
107.877

 48, 74.913,
107.877

 38, 74.913,
107.877

 28, 74.913,
107.877

 18, 74.913,

107.877

■ 8, 74.913, 107.877

■ 0, 74.913, 107.877

■ 88, 74.913,
107.877

■ 88, 74.913,
107.877

■ 88, 82.180,
107.511

■ 88, 65.911,
108.445

■ 88, 87.171,
107.400

■ 89, 55.719,
109.148

■ 87, 89.730,
107.568

■ 89, 44.763,
109.937

■ 87, 90.069,
107.611


■ 90, 33.337,
110.774


■ 90, 21.636,

111.631

 91, 9.786, 112.486

 91, 2.131, 293.351

 92, 12.912,
294.331

 92, 12.966,
296.981

Harmonies

Complementary

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



88, 74.913, 107.877



42, 92.477, 302.737

Rectangle

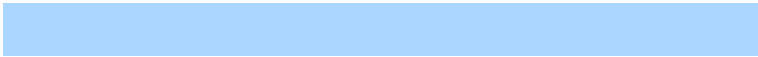
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 74.913, 107.877



88, 74.913, 157.877



88, 74.913, 287.877



88, 74.913, 337.877

Sweetspot

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



88, 74.914, 107.879



99, 25.789, 111.469



56, 67.073, 33.178



52, 17.571, 111.226



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, 74.914, 107.879



96, 91.428, 107.430



83, 83.180, 128.537



48, 6.744, 112.382



69, 74.470, 107.534



20, 29.373, 107.911

Inverse Universe

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



42, 92.477, 302.737



38, 119.736, 305.053



50, 90.379, 314.281



44, 6.894, 294.040



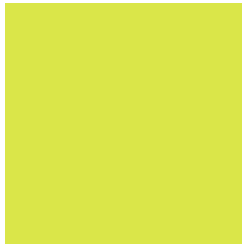
21, 101.989, 306.529



2, 33.817, 298.606

Previews

White Background



This preview shows how the CIELCh color 88, 74.913, 107.877 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, 74.913, 107.877 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, 74.913, 107.877

Background



This preview shows how black text looks on a background with the CIELCh color 88, 74.913, 107.877.



This preview shows how white text looks on a background with the CIELCh color 88, 74.913, 107.877.

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, 74.913, 107.877

Protanopia

88, 73.098, 95.268

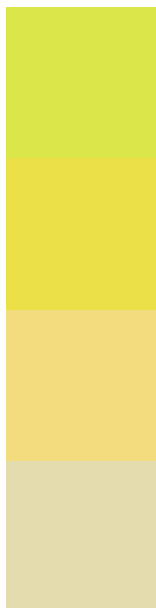
Deuteranopia

88, 35.098, 79.249



Tritanopia
88, 11.002, 326.374

Trichromacy



Original Color
88, 74.913, 107.877

Protanomaly
88, 73.072, 100.034

Deuteranomaly
88, 49.333, 95.379

Tritanomaly
87, 24.054, 100.716

Monochromacy



Original Color
88, 74.913, 107.877

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 29.640, 111.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 74.913, 107.877 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(218, 230, 73)` looks like.

```
.text, #text, p{  
    color:rgb(218, 230, 73)  
}
```

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(218, 230, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 230, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 74.913, 107.877 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(218, 230, 73) }
```

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

```
.border{ border-color:rgb(218, 230, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 230, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 230, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 230, 73);  
box-shadow:4px 4px 4px 4px rgb(218, 230,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 74.913, 107.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 230, 73) }
```

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

```
.background{ background-color: rgb(218,  
230, 73) }
```

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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