

Converting Colors

CIELCh(88, 68.911, 105.025)

Have a look what the booklet for
CIELCh(88, 68.911, 105.025)
contains.

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Color

CIELCh(88, 69.072, 105.134)

Conversions

Conversions Part 1

Format	Color
Hex	E2E456
RGB	226, 228, 86
RGB Percent	89%, 89%, 34%
CMY	0.1152, 0.1073, 0.6641
CMYK	0.01, 0.00, 0.62, 0.11
HSL	61°, 72%, 61%
HSV	61°, 62%, 89%
XYZ	60.5576, 72.0653, 19.4481
YIQ	211.2140, 44.3900, -44.5860

Conversions

Conversions Part 2

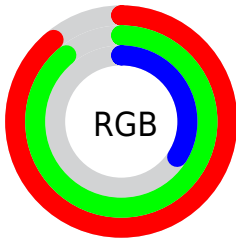
Format	Color
R_{YB}	86, 228, 88
Decimal	14869590
CIE _{Lab}	88.00, -18.03, 66.68
CIE _{LCh}	88, 69.072, 105.134
Yxy	72.0653, 0.3982, 0.4739
Android (android.graphics.Color)	4293059670 (0xFFE2E456)
YUV	211.2140, -61.7305, 12.9673
Hunter-Lab	84.8913, -21.2258, 45.8409

Details

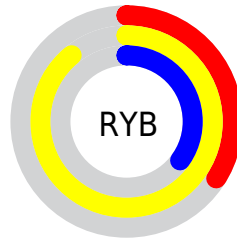
The CIELCh color **88, 69.072, 105.134** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **45, 83.541, 300.464**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 55.849, 105.903**, and **68, 69.206, 105.025** is the 20% darker color. If you saturate the color by 10%, you get **88, 77.316, 104.504**, and if you desaturate by 10%, it is **88, 59.427, 105.902**.

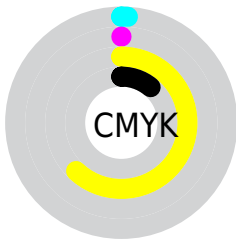
Distribution



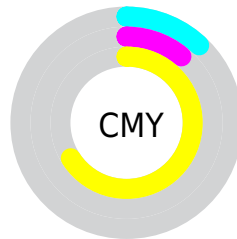
- Red (89%)
- Green (89%)
- Blue (34%)



- Red (34%)
- Yellow (89%)
- Blue (35%)



- Cyan (1%)
- Magenta (0%)
- Yellow (62%)
- Black (11%)




- Cyan (12%)
- Magenta (11%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 69.072, 105.134 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, 69.072, 105.134 by changing the saturation by 10% instead.


 88, 69.072,
105.134

 88, 69.072,
105.134


 100, 69.072,
105.134


 78, 69.072,
105.134


 68, 69.072,
105.134

 58, 69.072,
105.134

 48, 69.072,
105.134

 38, 69.072,
105.134


 28, 69.072,
105.134


 18, 69.072,

105.134


 8, 69.072, 105.134


 0, 69.072, 105.134


 88, 69.072,
105.134


 88, 69.072,
105.134

 88, 77.316,
104.504

 88, 59.427,
105.902

 88, 83.592,
104.051


 89, 48.860,
106.760

 88, 87.450,
103.810

 89, 37.720,
107.675

 88, 88.965,
103.748

 89, 26.237,
108.618

 90, 14.563,

109.569

■ 90, 2.792, 110.495

■ 91, 9.012, 291.450

■ 91, 14.194,
292.094

■ 91, 14.198,
292.538

Harmonies

Complementary

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



88, 69.072, 105.134



45, 83.541, 300.464

Rectangle

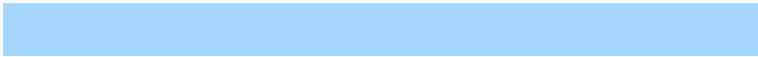
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 69.072, 105.134



88, 69.072, 155.134



88, 69.072, 285.134



88, 69.072, 335.134

Sweetspot

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



88, 69.073, 105.136



99, 24.462, 108.928



56, 62.597, 28.232



53, 16.814, 108.654



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, 69.073, 105.136



97, 86.613, 104.343



83, 75.136, 126.376



48, 6.731, 109.844



70, 74.169, 103.734



20, 29.314, 104.454

Inverse Universe

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



45, 83.541, 300.464



41, 111.029, 303.223



51, 82.611, 312.196



44, 6.882, 291.699



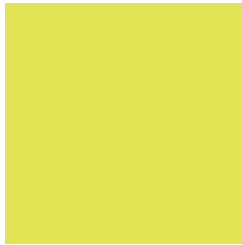
21, 102.317, 306.331



2, 33.701, 297.118

Previews

White Background



This preview shows how the CIELCh color 88, 69.072, 105.134 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, 69.072, 105.134 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, 69.072, 105.134

Background



This preview shows how black text looks on a background with the CIELCh color 88, 69.072, 105.134.



This preview shows how white text looks on a background with the CIELCh color 88, 69.072, 105.134.

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, 69.072, 105.134

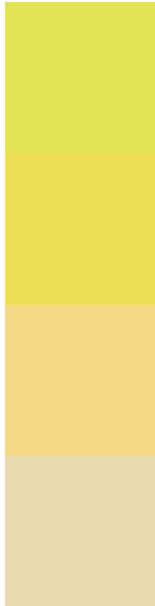
Protanopia
88, 68.103, 95.451

Deuteranopia
88, 34.176, 78.581



Tritanopia
88, 12.909, 336.969

Trichromacy



Original Color
88, 69.072, 105.134

Protanomaly
88, 67.910, 98.726

Deuteranomaly
88, 46.309, 93.428

Tritanomaly
87, 21.714, 91.758

Monochromacy



Original Color
88, 69.072, 105.134

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 27.008, 108.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 69.072, 105.134 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(226, 228, 86)` looks like.

```
.text, #text, p{  
    color:rgb(226, 228, 86)  
}
```

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(226, 228, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 228, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 69.072, 105.134 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(226, 228, 86) }
```

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

```
.border{ border-color:rgb(226, 228, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 228, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 228, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 228, 86);  
box-shadow:4px 4px 4px 4px rgb(226, 228,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 69.072, 105.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 228, 86) }
```

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

```
.background{ background-color: rgb(226,  
228, 86) }
```

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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