

Converting Colors

CIELCh(88, 67.014, 118.849)

Have a look what the booklet for
CIELCh(88, 67.014, 118.849)
contains.

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Color

CIELCh(88, 67.014, 118.849)

Conversions

Conversions Part 1

Format	Color
Hex	C3EB67
RGB	195, 235, 103
RGB Percent	76%, 92%, 40%
CMY	0.2349, 0.0780, 0.5957
CMYK	0.17, 0.00, 0.56, 0.08
HSL	78°, 77%, 66%
HSV	78°, 56%, 92%
XYZ	54.7173, 72.0653, 23.8811
YIQ	207.9920, 18.5320, -49.5320

Conversions

Conversions Part 2

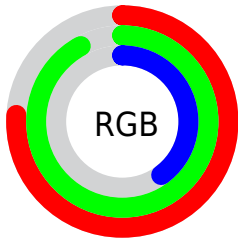
Format	Color
RYB	103, 235, 143
Decimal	12839783
CIELab	88.00, -32.33, 58.70
CIELCh	88, 67.014, 118.849
Yxy	72.0653, 0.3632, 0.4783
Android (android.graphics.Color)	4291029863 (0xFFC3EB67)
YUV	207.9920, -51.7611, -11.3940
Hunter-Lab	84.8913, -33.5062, 42.7448

Details

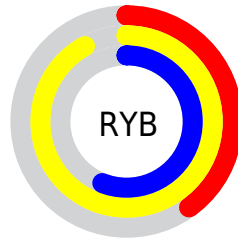
The CIELCh color **88, 67.014, 118.849** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **54, 76.194, 306.289**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 48.319, 106.951**, and **68, 67.019, 118.981** is the 20% darker color. If you saturate the color by 10%, you get **87, 76.954, 118.585**, and if you desaturate by 10%, it is **89, 56.020, 119.287**.

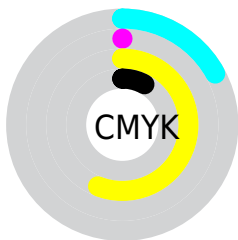
Distribution



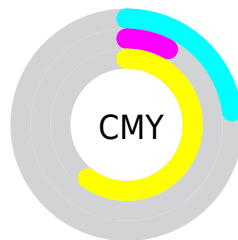
- Red (76%)
- Green (92%)
- Blue (40%)



- Red (40%)
- Yellow (92%)
- Blue (56%)



- Cyan (17%)
- Magenta (0%)
- Yellow (56%)
- Black (8%)



- Cyan (23%)
- Magenta (8%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 67.014, 118.849 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, 67.014, 118.849 by changing the saturation by 10% instead.

 88, 67.014,
118.849

 88, 67.014,
118.849

 100, 67.014,
118.849

 78, 67.014,
118.849

 68, 67.014,
118.849

 58, 67.014,
118.849

 48, 67.014,
118.849

 38, 67.014,
118.849

 28, 67.014,
118.849

 18, 67.014,


118.849


 8, 67.014, 118.849


 0, 67.014, 118.849


 88, 67.014,
118.849


 88, 67.014,
118.849


 87, 76.954,
118.585


 89, 56.020,
119.287


 87, 85.317,
118.591

 90, 44.356,
119.820

 86, 91.548,
118.982

 90, 32.291,
120.398

 86, 95.314,
119.842

 91, 20.006,
120.990

 86, 96.344,

 92, 7.620, 121.576

120.248

■ 94, 4.785, 302.116

■ 94, 10.852,
309.261

■ 95, 11.880,
320.736

■ 95, 12.420,
324.848

Harmonies

Complementary

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



88, 67.014, 118.849



54, 76.194, 306.289

Rectangle

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



88, 67.014, 118.849



88, 67.014, 168.849



88, 67.014, 298.849



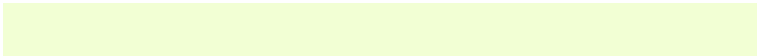
88, 67.014, 348.849

Sweetspot

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



88, 67.015, 118.851



98, 22.490, 120.935



68, 47.508, 48.930



52, 15.036, 120.816



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, 67.015, 118.851



94, 82.949, 118.570



85, 76.758, 135.460



49, 7.029, 121.382



68, 79.100, 120.004



20, 31.895, 119.274

Inverse Universe

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



54, 76.194, 306.289



50, 97.492, 307.283



61, 78.287, 321.119



45, 7.163, 302.474



24, 100.344, 308.379



3, 36.668, 305.264

Previews

White Background



This preview shows how the CIELCh color 88, 67.014, 118.849 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 CIE LCh color 88, 67.014, 118.849 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, 67.014, 118.849

Background



This preview shows how black text looks on a background with the CIELCh color 88, 67.014, 118.849.

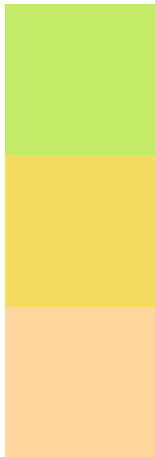


This preview shows how white text looks on a background with the CIELCh color 88, 67.014, 118.849.

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](#).

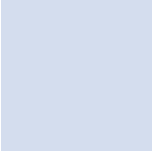
Dichromacy



Original Color
88, 67.014, 118.849

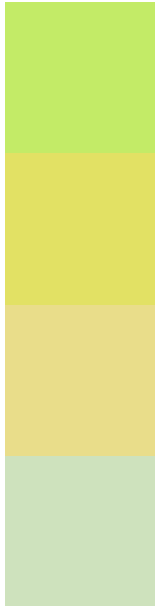
Protanopia
88, 61.369, 95.483

Deuteranopia
88, 33.510, 77.256



Tritanopia
88, 9.342, 271.578

Trichromacy



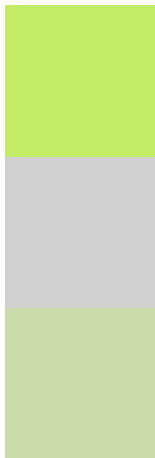
Original Color
88, 67.014, 118.849

Protanomaly
87, 62.029, 104.576

Deuteranomaly
87, 42.816, 99.996

Tritanomaly
88, 20.647, 129.754

Monochromacy



Original Color
88, 67.014, 118.849

Achromatopsia
83, 0.010, 296.813

Achromatomaly
85, 25.658, 121.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 67.014, 118.849 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(195, 235, 103)` looks like.

```
.text, #text, p{  
    color:rgb(195, 235, 103)  
}
```

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(195, 235, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 235, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 67.014, 118.849 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(195, 235, 103) }
```

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

```
.border{ border-color:rgb(195, 235, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 235, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 235, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 235, 103);  
box-shadow:4px 4px 4px 4px rgb(195, 235,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 67.014, 118.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 235, 103) }
```

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

```
.background{ background-color: rgb(195,  
235, 103) }
```

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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