

Converting Colors

CIELCh(88, 63.363, 118.769)

Have a look what the booklet for
CIELCh(88, 63.363, 118.769)
contains.

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Color

CIELCh(88, 63.337, 118.778)

Conversions

Conversions Part 1

Format	Color
Hex	C5EA6E
RGB	197, 234, 110
RGB Percent	77%, 92%, 43%
CMY	0.2262, 0.0811, 0.5675
CMYK	0.16, 0.00, 0.53, 0.08
HSL	78°, 75%, 68%
HSV	78°, 53%, 92%
XYZ	55.4479, 72.0653, 25.8220
YIQ	208.8010, 17.7520, -46.4080

Conversions

Conversions Part 2

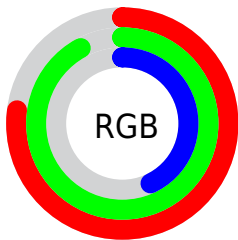
Format	Color
RYB	110, 234, 147
Decimal	12970606
CIELab	88.00, -30.49, 55.51
CIELCh	88, 63.337, 118.778
Yxy	72.0653, 0.3616, 0.4700
Android (android.graphics.Color)	4291160686 (0xFFC5EA6E)
YUV	208.8010, -48.7089, -10.3495
Hunter-Lab	84.8913, -31.9700, 41.3892

Details

The CIELCh color **88, 63.337, 118.778** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **55, 71.410, 305.857**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 44.955, 106.742**, and **68, 63.362, 118.579** is the 20% darker color. If you saturate the color by 10%, you get **87, 73.627, 118.445**, and if you desaturate by 10%, it is **89, 52.134, 119.258**.

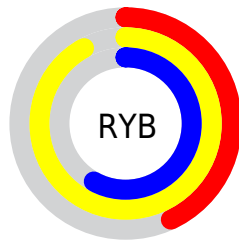
Distribution



Red (77%)

Green (92%)

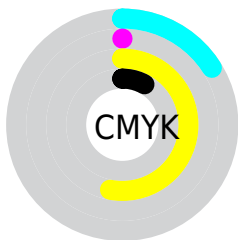
Blue (43%)



Red (43%)

Yellow (92%)

Blue (58%)

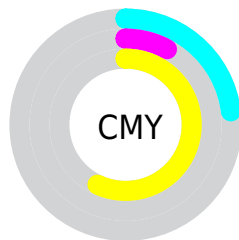


Cyan (16%)

Magenta (0%)

Yellow (53%)

Black (8%)



Cyan (23%)

Magenta (8%)

Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 63.337, 118.778 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, 63.337, 118.778 by changing the saturation by 10% instead.


 88, 63.337,
118.778


 88, 63.337,
118.778


 100, 63.337,
118.778


 78, 63.337,
118.778

 68, 63.337,
118.778

 58, 63.337,
118.778

 48, 63.337,
118.778

 38, 63.337,
118.778


 28, 63.337,
118.778


 18, 63.337,

118.778


 8, 63.337, 118.778


 0, 63.337, 118.778


 88, 63.337,
118.778


 88, 63.337,
118.778


 87, 73.627,
118.445


 89, 52.134,
119.258


 87, 82.522,
118.346

 90, 40.361,
119.814

 86, 89.461,
118.594

 90, 28.254,
120.403

 86, 93.999,
119.290

 91, 15.969,
120.998

 85, 95.960,

 92, 3.612, 121.589

120.018

94, 8.745, 302.123

94, 11.484,
312.039

95, 12.578,
322.511

95, 12.913,
324.866

Harmonies

Complementary

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



88, 63.337, 118.778



55, 71.410, 305.857

Rectangle

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



88, 63.337, 118.778



88, 63.337, 168.778



88, 63.337, 298.778



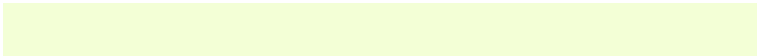
88, 63.337, 348.778

Sweetspot

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



88, 63.338, 118.780



98, 21.155, 120.811



69, 44.417, 47.426



52, 14.276, 120.688



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, 63.338, 118.780



94, 79.889, 118.415



85, 72.229, 135.257



49, 7.024, 121.202



68, 78.988, 119.778



20, 31.858, 119.058

Inverse Universe

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



55, 71.410, 305.857



52, 93.153, 306.910



62, 73.870, 320.510



45, 7.158, 302.303



24, 100.424, 308.318



3, 36.646, 305.124

Previews

White Background



This preview shows how the CIELCh color 88, 63.337, 118.778 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, 63.337, 118.778 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, 63.337, 118.778

Background



This preview shows how black text looks on a background with the CIELCh color 88, 63.337, 118.778.

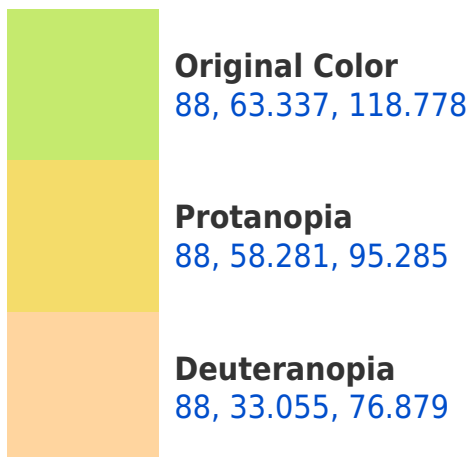


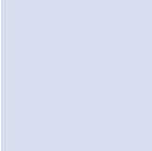
This preview shows how white text looks on a background with the CIELCh color 88, 63.337, 118.778.

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](#).

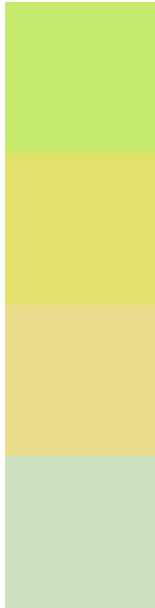
Dichromacy





Tritanopia
88, 9.242, 273.587

Trichromacy



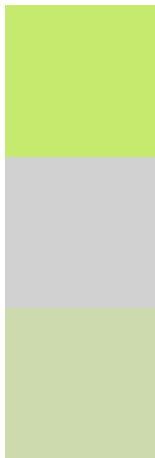
Original Color
88, 63.337, 118.778

Protanomaly
88, 58.497, 104.443

Deuteranomaly
88, 41.396, 99.348

Tritanomaly
88, 19.058, 130.446

Monochromacy



Original Color
88, 63.337, 118.778

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 23.970, 120.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 63.337, 118.778 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(197, 234, 110)` looks like.

```
.text, #text, p{  
    color:rgb(197, 234, 110)  
}
```

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(197, 234, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 234, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 63.337, 118.778 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(197, 234, 110) }
```

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

```
.border{ border-color:rgb(197, 234, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 234, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 234, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 234, 110);  
box-shadow:4px 4px 4px 4px rgb(197, 234,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 63.337, 118.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 234, 110) }
```

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

```
.background{ background-color: rgb(197,  
234, 110) }
```

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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