

Converting Colors

CIELCh(88, 75.370, 118.141)

Have a look what the booklet for
CIELCh(88, 75.370, 118.141)
contains.

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Color

CIELCh(88, 75.332, 118.026)

Conversions

Conversions Part 1

Format	Color
Hex	C0EC54
RGB	192, 236, 84
RGB Percent	75%, 93%, 33%
CMY	0.2458, 0.0733, 0.6694
CMYK	0.19, 0.00, 0.64, 0.07
HSL	77°, 80%, 63%
HSV	77°, 64%, 93%
XYZ	53.5178, 72.0653, 19.5406
YIQ	205.5160, 22.5680, -56.6000

Conversions

Conversions Part 2

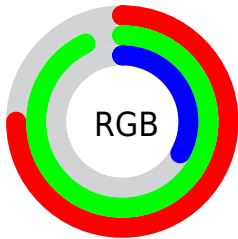
Format	Color
R_{YB}	84, 236, 128
Decimal	12643412
CIE _{Lab}	88.00, -35.40, 66.50
CIE _{LCh}	88, 75.332, 118.026
Yxy	72.0653, 0.3688, 0.4966
Android (android.graphics.Color)	4290833492 (0xFFC0EC54)
YUV	205.5160, -59.9074, -11.8535
Hunter-Lab	84.8913, -36.0284, 45.7763

Details

The CIELCh color **88, 75.332, 118.026** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **48, 88.048, 306.697**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 56.795, 107.447**, and **68, 75.349, 117.951** is the 20% darker color. If you saturate the color by 10%, you get **87, 84.014, 117.961**, and if you desaturate by 10%, it is **89, 65.167, 118.344**.

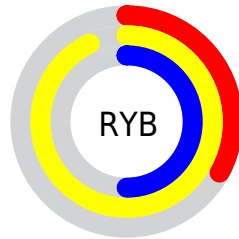
Distribution



Red (75%)

Green (93%)

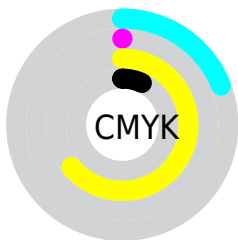
Blue (33%)



Red (33%)

Yellow (93%)

Blue (50%)

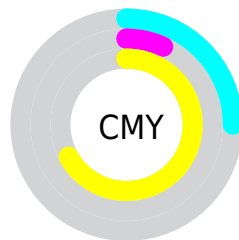


Cyan (19%)

Magenta (0%)

Yellow (64%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 75.332, 118.026 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, 75.332, 118.026 by changing the saturation by 10% instead.

■ 88, 75.332,
118.026

■ 88, 75.332,
118.026

■ 100, 75.332,
118.026

■ 78, 75.332,
118.026

■ 68, 75.332,
118.026

■ 58, 75.332,
118.026

■ 48, 75.332,
118.026

■ 38, 75.332,
118.026


■ 28, 75.332,
118.026

■ 18, 75.332,


118.026

 8, 75.332, 118.026


 0, 75.332, 118.026

 88, 75.332,
118.026


 88, 75.332,
118.026


 87, 84.014,
117.961


 89, 65.167,
118.344


 87, 90.642,
118.254


 89, 54.017,
118.814

 86, 94.815,
119.002

 90, 42.250,
119.369

 86, 96.319,
119.586


 91, 30.116,
119.964


 92, 17.783,

120.568

 93, 5.363, 121.165

 94, 7.067, 301.717

 95, 10.354,
311.910

 95, 11.440,
323.185

Harmonies

Complementary

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



88, 75.332, 118.026



48, 88.048, 306.697

Rectangle

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



88, 75.332, 118.026



88, 75.332, 168.026



88, 75.332, 298.026



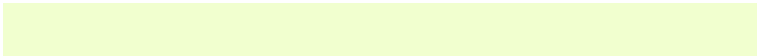
88, 75.332, 348.026

Sweetspot

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



88, 75.333, 118.028



98, 25.069, 120.281



65, 56.637, 47.429



52, 17.238, 120.107



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, 75.333, 118.028



93, 91.350, 118.006



84, 86.210, 134.575



49, 7.015, 120.859



68, 78.777, 119.344



20, 31.789, 118.643

Inverse Universe

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



48, 88.048, 306.697



44, 111.136, 307.740



57, 88.166, 320.774



45, 7.150, 301.977



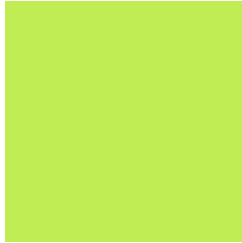
24, 100.575, 308.205



3, 36.604, 304.860

Previews

White Background



This preview shows how the CIELCh color 88, 75.332, 118.026 looks on a white background.

Color Contrast Check

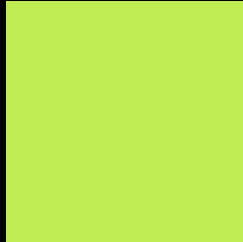
Large Text (above 18pt) WCAG AA × Fail

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, 75.332, 118.026 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, 75.332, 118.026

Background



This preview shows how black text looks on a background with the CIELCh color 88, 75.332, 118.026.

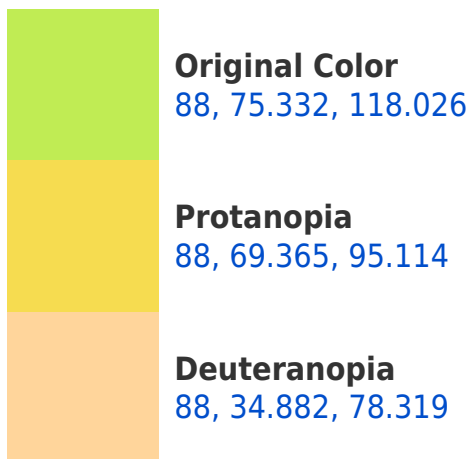


This preview shows how white text looks on a background with the CIELCh color 88, 75.332, 118.026.

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](#).

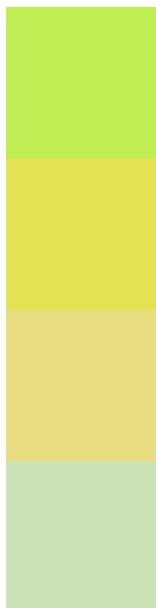
Dichromacy





Tritanopia
88, 10.052, 268.962

Trichromacy



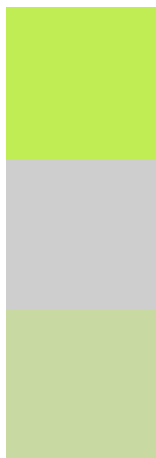
Original Color
88, 75.332, 118.026

Protanomaly
88, 69.861, 104.335

Deuteranomaly
87, 47.148, 100.675

Tritanomaly
88, 24.426, 128.989

Monochromacy



Original Color
88, 75.332, 118.026

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 29.280, 119.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 75.332, 118.026 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(192, 236, 84)` looks like.

```
.text, #text, p{  
    color:rgb(192, 236, 84)  
}
```

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(192, 236, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 236, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 75.332, 118.026 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(192, 236, 84) }
```

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

```
.border{ border-color:rgb(192, 236, 84) }
```

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

Here you see how a box with a 4 pixel rgb(192, 236, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 236, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 236, 84);  
box-shadow:4px 4px 4px 4px rgb(192, 236,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 75.332, 118.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 236, 84) }
```

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

```
.background{ background-color: rgb(192,  
236, 84) }
```

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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