

Converting Colors

CIELCh(88, 73.605, 120.049)

Have a look what the booklet for
CIELCh(88, 73.605, 120.049)
contains.

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Color

CIELCh(88, 73.593, 120.055)

Conversions

Conversions Part 1

Format	Color
Hex	BCED5B
RGB	188, 237, 91
RGB Percent	74%, 93%, 36%
CMY	0.2625, 0.0703, 0.6429
CMYK	0.21, 0.00, 0.62, 0.07
HSL	80°, 80%, 64%
HSV	80°, 62%, 93%
XYZ	52.9516, 72.0653, 21.0321
YIQ	205.7050, 17.6620, -55.7940

Conversions

Conversions Part 2

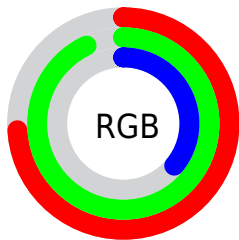
Format	Color
RYB	91, 237, 140
Decimal	12381531
CIELab	88.00, -36.86, 63.70
CIELCh	88, 73.593, 120.055
Yxy	72.0653, 0.3626, 0.4934
Android (android.graphics.Color)	4290571611 (0xFFBCED5B)
YUV	205.7050, -56.5496, -15.5273
Hunter-Lab	84.8913, -37.2190, 44.7346

Details

The CIELCh color **88, 73.593, 120.055** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **51, 84.376, 307.635**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 54.088, 109.415**, and **68, 73.701, 120.088** is the 20% darker color. If you saturate the color by 10%, you get **87, 82.916, 119.954**, and if you desaturate by 10%, it is **89, 62.944, 120.386**.

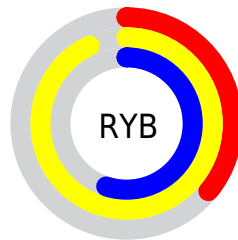
Distribution



Red (74%)

Green (93%)

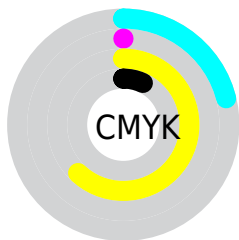
Blue (36%)



Red (36%)

Yellow (93%)

Blue (55%)

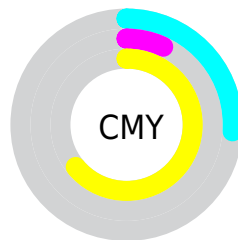


Cyan (21%)

Magenta (0%)

Yellow (62%)

Black (7%)



Cyan (26%)


Magenta (7%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 73.593, 120.055 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, 73.593, 120.055 by changing the saturation by 10% instead.


 88, 73.593,
120.055


 88, 73.593,
120.055


 100, 73.593,
120.055


 78, 73.593,
120.055

 68, 73.593,
120.055

 58, 73.593,
120.055

 48, 73.593,
120.055

 38, 73.593,
120.055


 28, 73.593,
120.055


 18, 73.593,


120.055

 8, 73.593, 120.055


 0, 73.593, 120.055


 88, 73.593,
120.055


 88, 73.593,
120.055


 87, 82.916,
119.954


 89, 62.944,
120.386


 87, 90.348,
120.194


 90, 51.432,
120.850

 86, 95.407,
120.887

 90, 39.388,
121.384

 86, 97.974,
121.799


 91, 27.039,
121.947


 92, 14.535,

122.510

 94, 1.979, 123.085

 95, 9.545, 304.894

 95, 10.581,
319.625

 96, 11.181,
324.803

Harmonies

Complementary

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



88, 73.593, 120.055



51, 84.376, 307.635

Rectangle

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



88, 73.593, 120.055



88, 73.593, 170.055



88, 73.593, 300.055



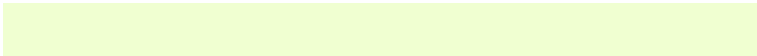
88, 73.593, 350.055

Sweetspot

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



88, 73.594, 120.057



98, 23.941, 122.146



68, 52.847, 51.824



52, 16.625, 121.980



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, 73.594, 120.057



93, 89.967, 119.980



85, 84.507, 135.862



49, 7.067, 122.629



67, 79.909, 121.535



20, 32.164, 120.749

Inverse Universe

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



51, 84.376, 307.635



47, 106.846, 308.526



60, 85.589, 322.289



45, 7.195, 303.661



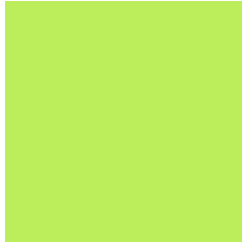
25, 99.762, 308.834



4, 36.827, 306.257

Previews

White Background



This preview shows how the CIELCh color 88, 73.593, 120.055 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, 73.593, 120.055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

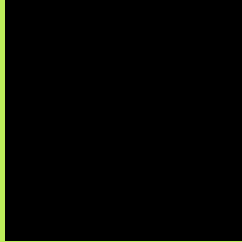
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 73.593, 120.055

Background



This preview shows how black text looks on a background with the CIELCh color 88, 73.593, 120.055.

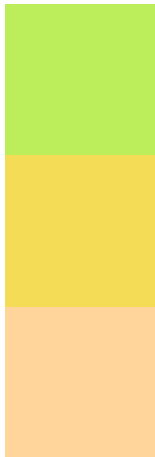


This preview shows how white text looks on a background with the CIELCh color 88, 73.593, 120.055.

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, 73.593, 120.055

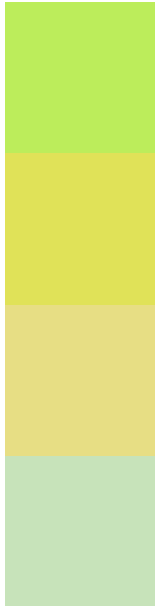
Protanopia
88, 66.910, 95.374

Deuteranopia
88, 34.423, 77.975



Tritanopia
88, 10.747, 260.539

Trichromacy



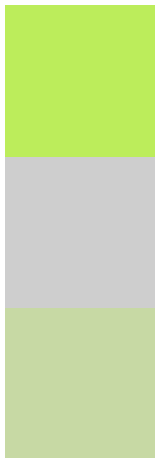
Original Color
88, 73.593, 120.055

Protanomaly
87, 67.480, 105.244

Deuteranomaly
87, 46.070, 101.691

Tritanomaly
87, 23.768, 134.388

Monochromacy



Original Color
88, 73.593, 120.055

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 28.470, 121.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 73.593, 120.055 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(188, 237, 91)` looks like.

```
.text, #text, p{  
    color:rgb(188, 237, 91)  
}
```

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(188, 237, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 237, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 73.593, 120.055 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(188, 237, 91) }
```

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

```
.border{ border-color:rgb(188, 237, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 237, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 237, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 237, 91);  
box-shadow:4px 4px 4px 4px rgb(188, 237,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 73.593, 120.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 237, 91) }
```

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

```
.background{ background-color: rgb(188,  
237, 91) }
```

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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