

Converting Colors

CIELCh(88, 51.184, 127.164)

Have a look what the booklet for
CIELCh(88, 51.184, 127.164)
contains.

CIELCh(88, 51.138, 127.183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 51.138, 127.183)

Conversions

Conversions Part 1

Format	Color
Hex	BCEB8D
RGB	188, 235, 141
RGB Percent	74%, 92%, 55%
CMY	0.2626, 0.0782, 0.4469
CMYK	0.20, 0.00, 0.40, 0.08
HSL	90°, 70%, 74%
HSV	90°, 40%, 92%
XYZ	55.2830, 72.0653, 36.2127
YIQ	210.2310, 2.1620, -39.1980

Conversions

Conversions Part 2

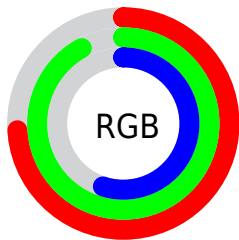
Format	Color
RYB	141, 235, 188
Decimal	12381069
CIELab	88.00, -30.91, 40.74
CIELCh	88, 51.138, 127.183
Yxy	72.0653, 0.3380, 0.4406
Android (android.graphics.Color)	4290571149 (0xFFBCEB8D)
YUV	210.2310, -34.1309, -19.4966
Hunter-Lab	84.8913, -32.3166, 34.1321

Details

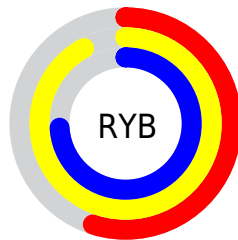
The CIELCh color **88, 51.138, 127.183** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **66, 54.196, 311.087**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 30.002, 115.128**, and **68, 51.162, 127.165** is the 20% darker color. If you saturate the color by 10%, you get **87, 63.238, 126.750**, and if you desaturate by 10%, it is **89, 38.579, 127.667**.

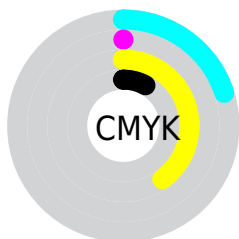
Distribution



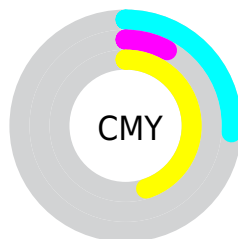
- Red (74%)
- Green (92%)
- Blue (55%)



- Red (55%)
- Yellow (92%)
- Blue (74%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)
- Black (8%)





- Cyan (26%)
- Magenta (8%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 51.138, 127.183 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, 51.138, 127.183 by changing the saturation by 10% instead.


 88, 51.138,
127.183


 88, 51.138,
127.183


 100, 51.138,
127.183


 78, 51.138,
127.183

 68, 51.138,
127.183

 58, 51.138,
127.183

 48, 51.138,
127.183

 38, 51.138,
127.183


 28, 51.138,
127.183


 18, 51.138,


127.183

 8, 51.138, 127.183


 0, 51.138, 127.183


 88, 51.138,
127.183

 88, 51.138,
127.183


 87, 63.238,
126.750


 89, 38.579,
127.667

 86, 74.557,
126.426

 90, 25.772,
128.157


 85, 84.657,
126.308

 92, 12.872,
128.636

 85, 92.987,
126.521

 93, 0.019, 302.065

 84, 99.029,

 94, 11.102,
312.451

127.188

95, 12.449,
324.849

84, 102.822,
128.296

84, 102.824,
128.297

Harmonies

Complementary

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



88, 51.138, 127.183



66, 54.196, 311.087

Rectangle

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



88, 51.138, 127.183



88, 51.138, 177.183



88, 51.138, 307.183



88, 51.138, 357.183

Sweetspot

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



88, 51.140, 127.184



98, 16.518, 128.538



79, 32.040, 70.399



52, 10.958, 128.476



0, 0.000, 0.000



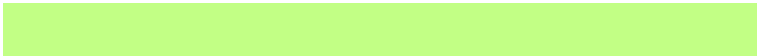
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 51.140, 127.184



94, 65.015, 126.821



86, 59.370, 141.381



49, 7.304, 128.661



66, 84.337, 128.021



19, 33.733, 127.258

Inverse Universe

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



66, 54.196, 311.087



66, 69.840, 311.531



71, 59.246, 326.585



46, 7.406, 309.485



28, 96.475, 311.915



4, 37.678, 311.613

Previews

White Background



This preview shows how the CIELCh color 88, 51.138, 127.183 looks on a white background.

Color Contrast Check

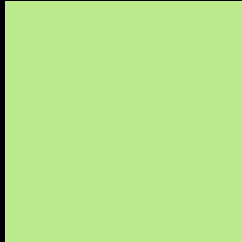
Large Text (above 18pt) WCAG AA × Fail

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, 51.138, 127.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

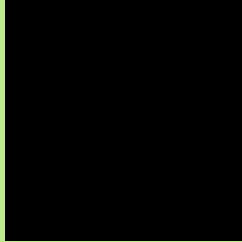
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 51.138, 127.183

Background



This preview shows how black text looks on a background with the CIELCh color 88, 51.138, 127.183.

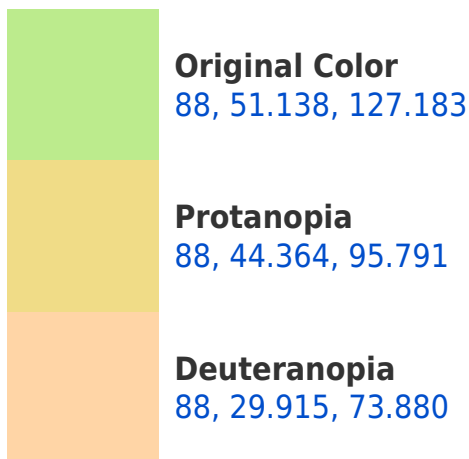


This preview shows how white text looks on a background with the CIELCh color 88, 51.138, 127.183.

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, 11.435, 254.687

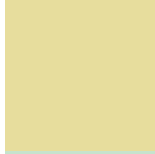
Trichromacy



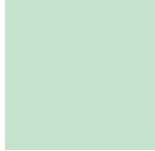
Original Color
88, 51.138, 127.183



Protanomaly
87, 44.875, 108.472



Deuteranomaly
88, 33.264, 100.492

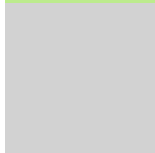


Tritanomaly
88, 15.617, 151.159

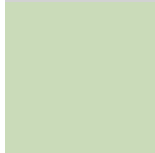
Monochromacy



Original Color
88, 51.138, 127.183



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 18.895, 128.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 51.138, 127.183 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, 235, 141)` looks like.

```
.text, #text, p{  
    color:rgb(188, 235, 141)  
}
```

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, 235, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 235, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 51.138, 127.183 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, 235, 141) }
```

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

```
.border{ border-color:rgb(188, 235, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 235, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 235, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 235, 141);  
box-shadow:4px 4px 4px 4px rgb(188, 235,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 51.138, 127.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 235, 141) }
```

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

```
.background{ background-color: rgb(188,  
235, 141) }
```

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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