

Converting Colors

CIELCh(88, 52.456, 122.182)

Have a look what the booklet for
CIELCh(88, 52.456, 122.182)
contains.

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Color

CIELCh(88, 52.074, 121.927)

Conversions

Conversions Part 1

Format	Color
Hex	C5E986
RGB	197, 233, 134
RGB Percent	77%, 91%, 53%
CMY	0.2264, 0.0852, 0.4735
CMYK	0.15, 0.00, 0.42, 0.09
HSL	82°, 70%, 72%
HSV	82°, 42%, 91%
XYZ	56.6319, 72.0653, 33.5715
YIQ	210.9500, 10.3230, -38.4210

Conversions

Conversions Part 2

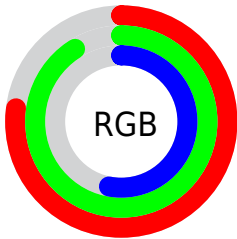
Format	Color
RYB	134, 233, 170
Decimal	12970374
CIELab	88.00, -27.54, 44.20
CIElCh	88, 52.074, 121.927
Yxy	72.0653, 0.3490, 0.4441
Android (android.graphics.Color)	4291160454 (0xFFC5E986)
YUV	210.9500, -37.9363, -12.2341
Hunter-Lab	84.8913, -29.4805, 35.9768

Details

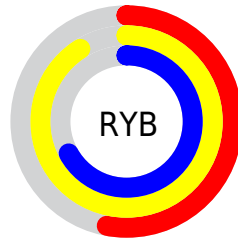
The CIELCh color **88, 52.074, 121.927** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **63, 56.554, 306.914**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 33.205, 107.650**, and **68, 51.927, 121.671** is the 20% darker color. If you saturate the color by 10%, you get **87, 63.470, 121.490**, and if you desaturate by 10%, it is **89, 40.141, 122.441**.

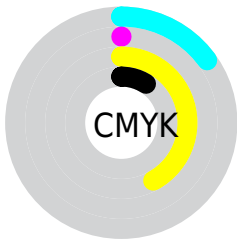
Distribution



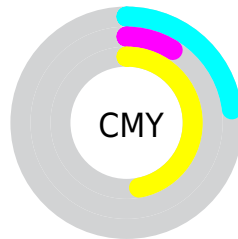
- Red (77%)
- Green (91%)
- Blue (53%)



- Red (53%)
- Yellow (91%)
- Blue (67%)



- Cyan (15%)
- Magenta (0%)
- Yellow (42%)
- Black (9%)




- Cyan (23%)
- Magenta (9%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 52.074, 121.927 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, 52.074, 121.927 by changing the saturation by 10% instead.


 88, 52.074,
121.927


 88, 52.074,
121.927


 100, 52.074,
121.927


 78, 52.074,
121.927

 68, 52.074,
121.927

 58, 52.074,
121.927

 48, 52.074,
121.927

 38, 52.074,
121.927

 28, 52.074,
121.927

 18, 52.074,

121.927

■ 8, 52.074, 121.927

■ 0, 52.074, 121.927

■ 88, 52.074,
121.927

■ 88, 52.074,
121.927

■ 87, 63.470,
121.490

■ 89, 40.141,
122.441

■ 86, 73.985,
121.192

■ 90, 27.894,
122.983

■ 86, 83.156,
121.132

■ 91, 15.491,
123.526

■ 85, 90.427,
121.429

■ 92, 3.037, 124.072

■ 85, 95.341,

■ 93, 9.395, 304.534

122.193

94, 12.388,
315.608

84, 97.671,
123.044

95, 13.564,
324.890

Harmonies

Complementary

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



88, 52.074, 121.927



63, 56.554, 306.914

Rectangle

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



88, 52.074, 121.927



88, 52.074, 171.927



88, 52.074, 301.927



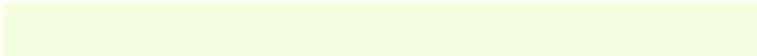
88, 52.074, 351.927

Sweetspot

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



88, 52.076, 121.929



98, 17.389, 123.493



74, 33.468, 54.437



52, 12.166, 123.373



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, 52.076, 121.929



94, 66.470, 121.537



85, 59.687, 137.684



49, 7.101, 123.687



67, 80.632, 122.785



20, 32.410, 121.969

Inverse Universe

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



63, 56.554, 306.914



62, 73.721, 307.594



68, 60.395, 322.200



45, 7.226, 304.673



25, 99.237, 309.265



4, 36.969, 307.133

Previews

White Background



This preview shows how the CIELCh color 88, 52.074, 121.927 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, 52.074, 121.927 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, 52.074, 121.927

Background



This preview shows how black text looks on a background with the CIELCh color 88, 52.074, 121.927.

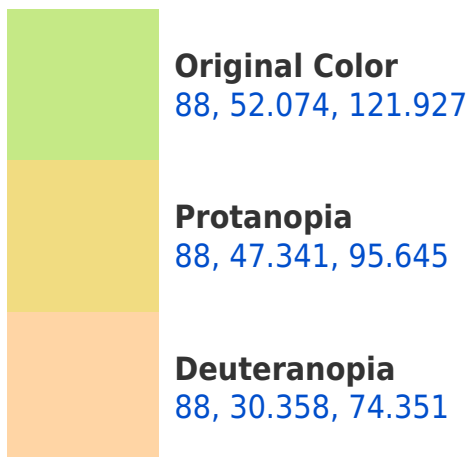


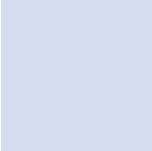
This preview shows how white text looks on a background with the CIELCh color 88, 52.074, 121.927.

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](#).

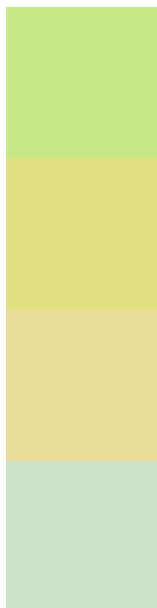
Dichromacy





Tritanopia
88, 9.938, 270.789

Trichromacy



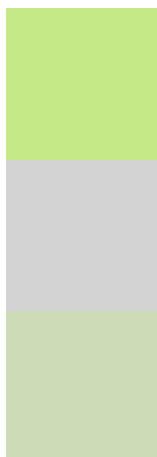
Original Color
88, 52.074, 121.927

Protanomaly
88, 47.751, 106.161

Deuteranomaly
87, 34.534, 97.920

Tritanomaly
88, 14.356, 138.083

Monochromacy



Original Color
88, 52.074, 121.927

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 19.420, 123.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 52.074, 121.927 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, 233, 134)` looks like.

```
.text, #text, p{  
    color:rgb(197, 233, 134)  
}
```

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, 233, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 233, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 52.074, 121.927 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, 233, 134) }
```

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

```
.border{ border-color:rgb(197, 233, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 233, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 233, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 233, 134);  
box-shadow:4px 4px 4px 4px rgb(197, 233,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 52.074, 121.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 233, 134) }
```

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

```
.background{ background-color: rgb(197,  
233, 134) }
```

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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