

Converting Colors

CIELCh(88, 33.966, 127.621)

Have a look what the booklet for
CIELCh(88, 33.966, 127.621)
contains.

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Color

CIELCh(88, 34.074, 127.821)

Conversions

Conversions Part 1

Format	Color
Hex	C8E7A9
RGB	200, 231, 169
RGB Percent	78%, 91%, 66%
CMY	0.2169, 0.0953, 0.3384
CMYK	0.13, 0.00, 0.27, 0.10
HSL	90°, 56%, 78%
HSV	90°, 27%, 90%
XYZ	59.3576, 72.0653, 48.1699
YIQ	214.6630, 1.4260, -25.8540

Conversions

Conversions Part 2

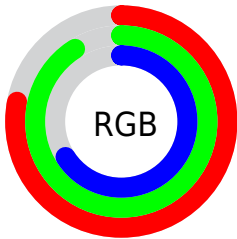
Format	Color
RYB	169, 231, 200
Decimal	13166505
CIELab	88.00, -20.89, 26.92
CIELCh	88, 34.074, 127.821
Yxy	72.0653, 0.3305, 0.4013
Android (android.graphics.Color)	4291356585 (0xFFC8E7A9)
YUV	214.6630, -22.5119, -12.8595
Hunter-Lab	84.8913, -23.7491, 25.7809

Details

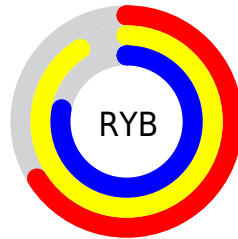
The CIELCh color **88, 34.074, 127.821** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74, 35.376, 310.370**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.178, 109.030**, and **68, 34.144, 127.816** is the 20% darker color. If you saturate the color by 10%, you get **87, 46.543, 127.335**, and if you desaturate by 10%, it is **89, 21.420, 128.310**.

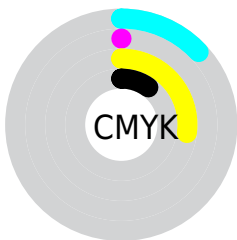
Distribution



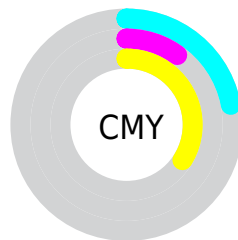
- Red (78%)
- Green (91%)
- Blue (66%)



- Red (66%)
- Yellow (91%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (27%)
- Black (10%)





- Cyan (22%)
- Magenta (10%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 34.074, 127.821 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, 34.074, 127.821 by changing the saturation by 10% instead.


 88, 34.074,
127.821


 88, 34.074,
127.821


 100, 34.074,
127.821


 78, 34.074,
127.821

 68, 34.074,
127.821

 58, 34.074,
127.821

 48, 34.074,
127.821

 38, 34.074,
127.821

 28, 34.074,
127.821

 18, 34.074,

127.821

■ 8, 34.074, 127.821

■ 0, 34.074, 127.821

■ 88, 34.074,
127.821

■ 88, 34.074,
127.821

■ 87, 46.543,
127.335

■ 89, 21.420,
128.310

■ 86, 58.632,
126.880

■ 91, 8.708, 128.784

■ 85, 70.066,
126.513

■ 92, 3.969, 309.170

■ 84, 80.451,
126.318

■ 93, 13.666,
313.634

■ 83, 89.275,

■ 94, 15.187,
324.949

126.409

■ 83, 95.992,
126.919

■ 82, 100.303,
127.926

■ 82, 101.364,
128.280

Harmonies

Complementary

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



88, 34.074, 127.821



74, 35.376, 310.370

Rectangle

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



88, 34.074, 127.821



88, 34.074, 177.821



88, 34.074, 307.821



88, 34.074, 357.821

Sweetspot

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



88, 34.076, 127.823



99, 11.002, 128.729



82, 20.548, 72.066



53, 7.822, 128.658



0, 0.000, 0.000



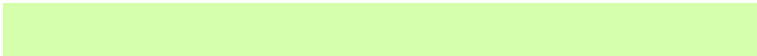
53, 0.007, 296.813

Same Dimension

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



88, 34.076, 127.823



96, 43.930, 127.562



86, 39.593, 142.603



48, 7.174, 128.663



65, 83.441, 128.006



18, 32.294, 127.572

Inverse Universe

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



74, 35.376, 310.370



77, 45.976, 310.657



77, 39.599, 325.905



45, 7.273, 309.485



28, 95.454, 311.927



4, 35.627, 311.038

Previews

White Background



This preview shows how the CIELCh color 88, 34.074, 127.821 looks on a white background.

Color Contrast Check

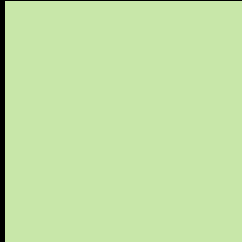
Large Text (above 18pt) WCAG AA × Fail

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, 34.074, 127.821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

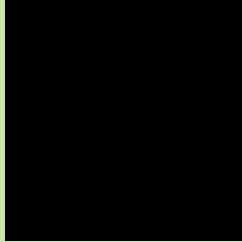
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

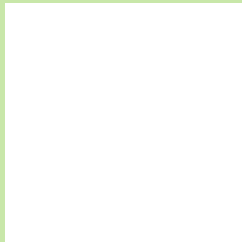
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 34.074, 127.821

Background



This preview shows how black text looks on a background with the CIELCh color 88, 34.074, 127.821.

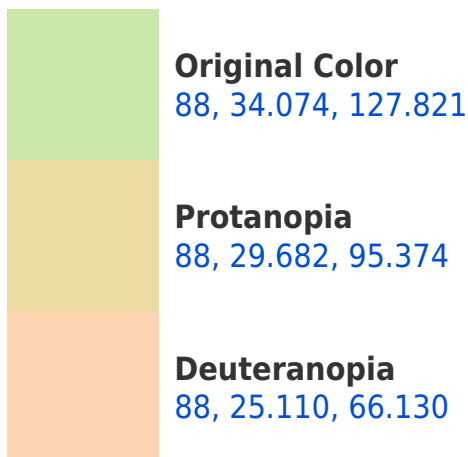


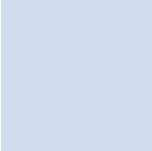
This preview shows how white text looks on a background with the CIELCh color 88, 34.074, 127.821.

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](#).

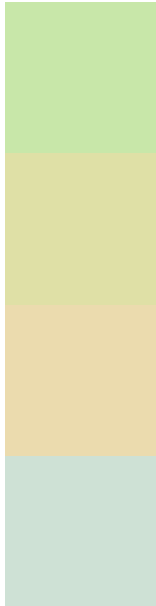
Dichromacy





Tritanopia
88, 10.052, 268.962

Trichromacy



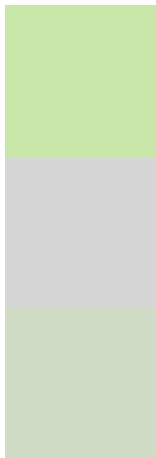
Original Color
88, 34.074, 127.821

Protanomaly
88, 29.911, 108.416

Deuteranomaly
88, 24.192, 93.200

Tritanomaly
88, 9.310, 156.605

Monochromacy



Original Color
88, 34.074, 127.821

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 12.206, 128.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 34.074, 127.821 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(200, 231, 169)` looks like.

```
.text, #text, p{  
    color:rgb(200, 231, 169)  
}
```

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(200, 231, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 231, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 34.074, 127.821 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(200, 231, 169) }
```

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

```
.border{ border-color:rgb(200, 231, 169) }
```

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

Here you see how a box with a 4 pixel rgb(200, 231, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 231, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 231, 169);  
box-shadow:4px 4px 4px 4px rgb(200, 231,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 34.074, 127.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 231, 169) }
```

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

```
.background{ background-color: rgb(200,  
231, 169) }
```

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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