

Converting Colors

CIELCh(88, 37.375, 124.357)

Have a look what the booklet for
CIELCh(88, 37.375, 124.357)
contains.

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Color

CIELCh(88, 37.643, 124.501)

Conversions

Conversions Part 1

Format	Color
Hex	CAE7A1
RGB	202, 231, 161
RGB Percent	79%, 91%, 63%
CMY	0.2090, 0.0953, 0.3697
CMYK	0.13, 0.00, 0.30, 0.10
HSL	85°, 59%, 77%
HSV	85°, 30%, 90%
XYZ	59.1796, 72.0653, 44.3802
YIQ	214.3490, 5.1860, -27.9180

Conversions

Conversions Part 2

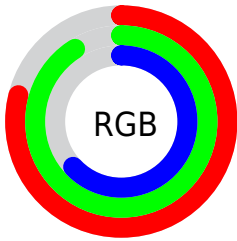
Format	Color
RYB	161, 231, 190
Decimal	13297569
CIELab	88.00, -21.32, 31.02
CIELCh	88, 37.643, 124.501
Yxy	72.0653, 0.3370, 0.4103
Android (android.graphics.Color)	4291487649 (0xFFCAE7A1)
YUV	214.3490, -26.3011, -10.8301
Hunter-Lab	84.8913, -24.1234, 28.4277

Details

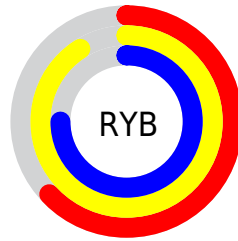
The CIELCh color **88, 37.643, 124.501** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71, 39.621, 307.710**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.713, 108.686**, and **68, 37.315, 124.539** is the 20% darker color. If you saturate the color by 10%, you get **87, 49.713, 124.006**, and if you desaturate by 10%, it is **89, 25.317, 125.019**.

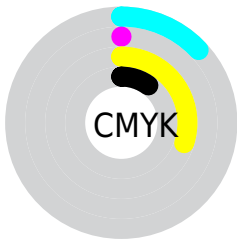
Distribution



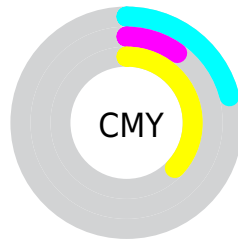
- Red (79%)
- Green (91%)
- Blue (63%)



- Red (63%)
- Yellow (91%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)





- Cyan (21%)
- Magenta (10%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 37.643, 124.501 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, 37.643, 124.501 by changing the saturation by 10% instead.


 88, 37.643,
124.501


 88, 37.643,
124.501


 100, 37.643,
124.501


 78, 37.643,
124.501

 68, 37.643,
124.501

 58, 37.643,
124.501

 48, 37.643,
124.501

 38, 37.643,
124.501


 28, 37.643,
124.501


 18, 37.643,

124.501


 8, 37.643, 124.501


 0, 37.643, 124.501


 88, 37.643,
124.501


 88, 37.643,
124.501

 87, 49.713,
124.006


 89, 25.317,
125.019


 86, 61.309,
123.567

 90, 12.871,
125.530

 85, 72.124,
123.251

 91, 0.406, 126.251

 85, 81.726,
123.149

 93, 12.007,
306.454

 84, 89.574,

 94, 14.196,
318.426

123.383

94, 15.175,
324.948

83, 95.170,
124.073

83, 98.515,
125.159

Harmonies

Complementary

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



88, 37.643, 124.501



71, 39.621, 307.710

Rectangle

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



88, 37.643, 124.501



88, 37.643, 174.501



88, 37.643, 304.501



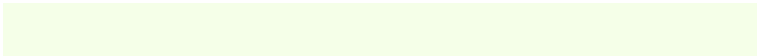
88, 37.643, 354.501

Sweetspot

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



88, 37.645, 124.503



99, 12.154, 125.595



79, 22.701, 60.830



53, 8.447, 125.521



0, 0.000, 0.000



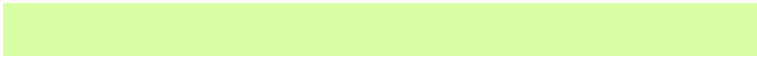
53, 0.007, 296.813

Same Dimension

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



88, 37.645, 124.503



96, 48.283, 124.207



86, 43.255, 139.870



48, 7.042, 125.574



66, 81.122, 124.885



19, 31.469, 124.358

Inverse Universe

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



71, 39.621, 307.710



74, 51.395, 308.091



74, 43.517, 323.180



44, 7.156, 306.485



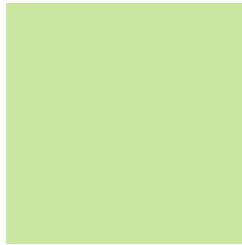
26, 97.197, 310.155



4, 35.104, 308.018

Previews

White Background



This preview shows how the CIELCh color 88, 37.643, 124.501 looks on a white background.

Color Contrast Check

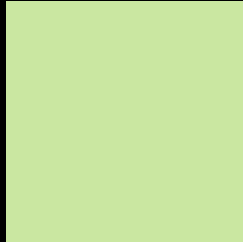
Large Text (above 18pt) WCAG AA × Fail

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, 37.643, 124.501 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

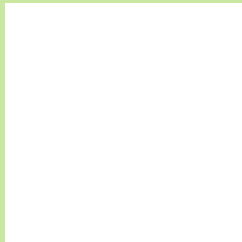
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 37.643, 124.501

Background



This preview shows how black text looks on a background with the CIELCh color 88, 37.643, 124.501.

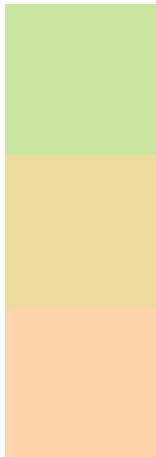


This preview shows how white text looks on a background with the CIELCh color 88, 37.643, 124.501.

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](#).

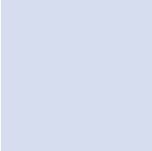
Dichromacy



Original Color
88, 37.643, 124.501

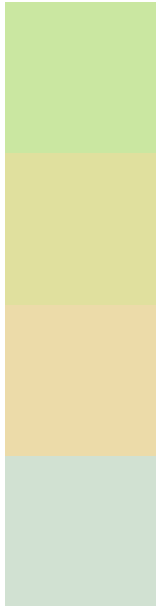
Protanopia
88, 33.769, 95.727

Deuteranopia
88, 26.751, 68.824



Tritanopia
88, 9.242, 273.587

Trichromacy



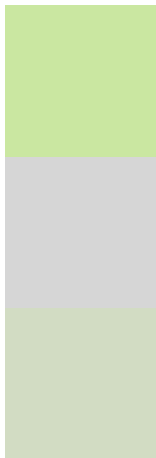
Original Color
88, 37.643, 124.501

Protanomaly
88, 33.953, 107.322

Deuteranomaly
88, 26.798, 93.494

Tritanomaly
88, 9.772, 145.774

Monochromacy



Original Color
88, 37.643, 124.501

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 13.578, 124.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 37.643, 124.501 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(202, 231, 161)` looks like.

```
.text, #text, p{  
    color:rgb(202, 231, 161)  
}
```

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(202, 231, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 231, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 37.643, 124.501 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(202, 231, 161) }
```

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

```
.border{ border-color:rgb(202, 231, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 231, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 231, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 231, 161);  
box-shadow:4px 4px 4px 4px rgb(202, 231,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 37.643, 124.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 231, 161) }
```

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

```
.background{ background-color: rgb(202,  
231, 161) }
```

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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