

Converting Colors

CIELCh(88, 27.700, 125.429)

Have a look what the booklet for
CIELCh(88, 27.700, 125.429)
contains.

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Color

CIELCh(88, 27.674, 125.548)

Conversions

Conversions Part 1

Format	Color
Hex	CEE4B1
RGB	206, 228, 177
RGB Percent	81%, 89%, 69%
CMY	0.1907, 0.1043, 0.3044
CMYK	0.10, 0.00, 0.22, 0.10
HSL	86°, 49%, 80%
HSV	86°, 22%, 90%
XYZ	61.3822, 72.0653, 52.4636
YIQ	215.6080, 3.2590, -20.5250

Conversions

Conversions Part 2

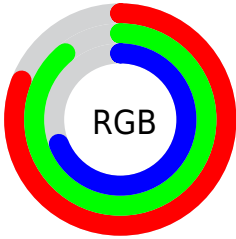
Format	Color
RYB	177, 228, 199
Decimal	13558961
CIELab	88.00, -16.09, 22.52
CIELCh	88, 27.674, 125.548
Yxy	72.0653, 0.3302, 0.3876
Android (android.graphics.Color)	4291749041 (0xFFCEE4B1)
YUV	215.6080, -19.0337, -8.4262
Hunter-Lab	84.8913, -19.4920, 22.7821

Details

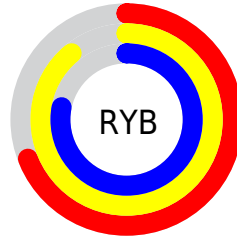
The CIELCh color **88, 27.674, 125.548** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 28.676, 307.797**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **68, 28.065, 125.924** is the 20% darker color. If you saturate the color by 10%, you get **87, 39.918, 125.043**, and if you desaturate by 10%, it is **89, 15.297, 126.055**.

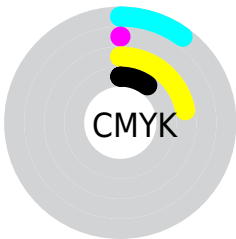
Distribution



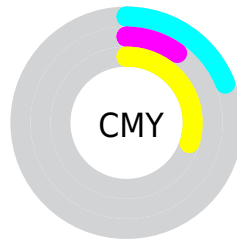
- Red (81%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 27.674, 125.548 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, 27.674, 125.548 by changing the saturation by 10% instead.


 88, 27.674,
125.548


 88, 27.674,
125.548

 100, 27.674,
125.548

 78, 27.674,
125.548

 68, 27.674,
125.548

 58, 27.674,
125.548

 48, 27.674,
125.548

 38, 27.674,
125.548

 28, 27.674,
125.548

 18, 27.674,


125.548


 8, 27.674, 125.548


 0, 27.674, 125.548

 88, 27.674,
125.548


 88, 27.674,
125.548

 87, 39.918,
125.043

 89, 15.297,
126.055


 86, 51.870,
124.559

 90, 2.887, 126.565


 85, 63.305,
124.143

 92, 9.478, 306.968

 84, 73.893,
123.864

 93, 15.086,
314.685

 84, 83.180,

 94, 16.631,
325.000

123.820

■ 83, 90.622,
124.138

■ 82, 95.764,
124.931

■ 82, 98.323,
125.816

Harmonies

Complementary

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



88, 27.674, 125.548



76, 28.676, 307.797

Rectangle

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



88, 27.674, 125.548



88, 27.674, 175.548



88, 27.674, 305.548



88, 27.674, 355.548

Sweetspot

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



88, 27.676, 125.550



99, 9.481, 126.318



82, 16.212, 63.498



53, 6.162, 126.288



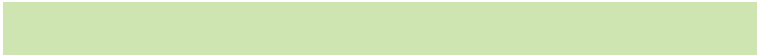
0, 0.000, 0.000



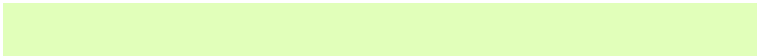
53, 0.007, 296.813

Same Dimension

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



88, 27.676, 125.550



96, 36.529, 125.305



86, 31.783, 140.878



48, 7.067, 126.198



66, 81.581, 125.550



18, 31.628, 125.031

Inverse Universe

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



76, 28.676, 307.797



80, 38.165, 308.084



78, 31.916, 323.282



45, 7.178, 307.088



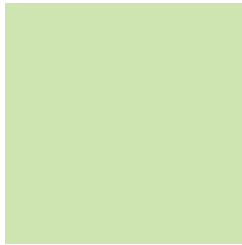
26, 96.855, 310.479



4, 35.206, 308.611

Previews

White Background



This preview shows how the CIELCh color 88, 27.674, 125.548 looks on a white background.

Color Contrast Check

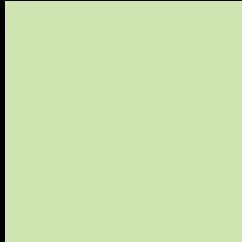
Large Text (above 18pt) WCAG AA × Fail

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, 27.674, 125.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

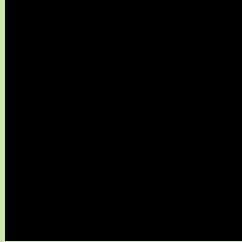
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

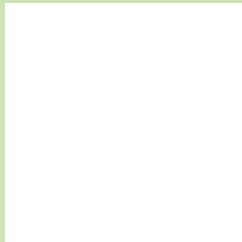
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 27.674, 125.548

Background



This preview shows how black text looks on a background with the CIELCh color 88, 27.674, 125.548.

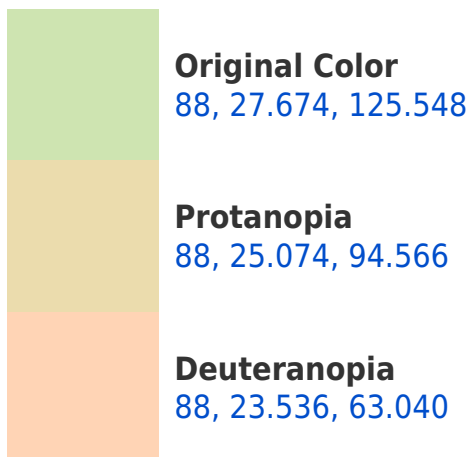


This preview shows how white text looks on a background with the CIELCh color 88, 27.674, 125.548.

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](#).

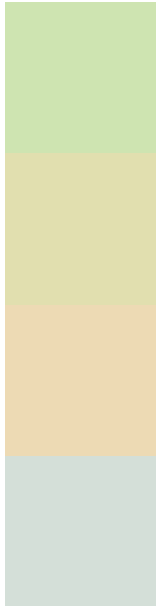
Dichromacy





Tritanopia
88, 9.531, 280.538

Trichromacy



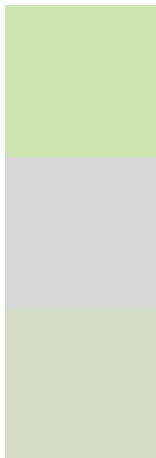
Original Color
88, 27.674, 125.548

Protanomaly
88, 24.835, 106.304

Deuteranomaly
88, 21.110, 88.034

Tritanomaly
88, 5.406, 156.692

Monochromacy



Original Color
88, 27.674, 125.548

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 10.351, 125.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 27.674, 125.548 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(206, 228, 177)` looks like.

```
.text, #text, p{  
    color:rgb(206, 228, 177)  
}
```

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(206, 228, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 228, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 27.674, 125.548 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(206, 228, 177) }
```

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

```
.border{ border-color:rgb(206, 228, 177) }
```

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

Here you see how a box with a 4 pixel rgb(206, 228, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 228, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 228, 177);  
box-shadow:4px 4px 4px 4px rgb(206, 228,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 27.674, 125.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 228, 177) }
```

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

```
.background{ background-color: rgb(206,  
228, 177) }
```

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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