

Converting Colors

CIELCh(86, 27.400, 129.430)

Have a look what the booklet for
CIELCh(86, 27.400, 129.430)
contains.

CIELCh(86, 27.343, 129.141)	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(86, 27.343, 129.141)

Conversions

Conversions Part 1

Format	Color
Hex	C5DFAE
RGB	197, 223, 174
RGB Percent	77%, 87%, 68%
CMY	0.2259, 0.1239, 0.3161
CMYK	0.12, 0.00, 0.22, 0.12
HSL	92°, 44%, 78%
HSV	92°, 22%, 88%
XYZ	57.3041, 67.9871, 50.3456
YIQ	209.6400, 0.2330, -20.7510

Conversions

Conversions Part 2

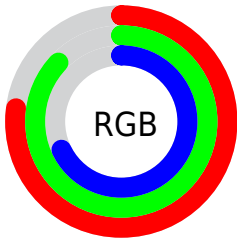
Format	Color
RYB	174, 223, 200
Decimal	12967854
CIELab	86.00, -17.26, 21.21
CIELCh	86, 27.343, 129.141
Yxy	67.9871, 0.3263, 0.3871
Android (android.graphics.Color)	4291157934 (0xFFC5DFAE)
YUV	209.6400, -17.5705, -11.0853
Hunter-Lab	82.4543, -20.2410, 21.5162

Details

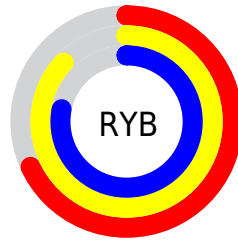
The CIELCh color **86, 27.343, 129.141** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **75, 28.122, 311.135**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.662, 110.860**, and **66, 27.633, 128.920** is the 20% darker color. If you saturate the color by 10%, you get **85, 39.709, 128.655**, and if you desaturate by 10%, it is **87, 14.873, 129.618**.

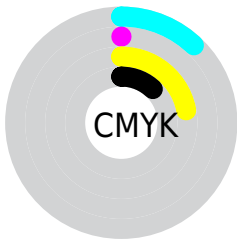
Distribution



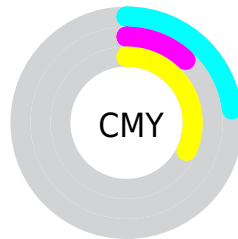
- Red (77%)
- Green (87%)
- Blue (68%)



- Red (68%)
- Yellow (87%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)





- Cyan (23%)
- Magenta (12%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 27.343, 129.141 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 86, 27.343, 129.141 by changing the saturation by 10% instead.


 86, 27.343,
129.141


 86, 27.343,
129.141


 100, 27.343,
129.141


 76, 27.343,
129.141

 66, 27.343,
129.141

 56, 27.343,
129.141

 46, 27.343,
129.141

 36, 27.343,
129.141


 26, 27.343,
129.141


 16, 27.343,


129.141


 6, 27.343, 129.141


 0, 27.343, 129.141

 86, 27.343,
129.141


 86, 27.343,
129.141

 85, 39.709,
128.655

 87, 14.873,
129.618


 84, 51.809,
128.177

 89, 2.404, 130.107


 83, 63.419,
127.751

 90, 9.987, 310.441

 82, 74.215,
127.445

 92, 18.054,
315.535

 81, 83.751,

 92, 19.764,
325.111

127.359

■ 81, 91.491,
127.620

■ 80, 96.969,
128.347

■ 80, 99.887,
129.220

Harmonies

Complementary

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



86, 27.343, 129.141



75, 28.122, 311.135

Rectangle

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



86, 27.343, 129.141



86, 27.343, 179.141



86, 27.343, 309.141



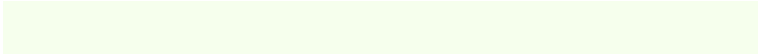
86, 27.343, 359.141

Sweetspot

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



86, 27.345, 129.143



99, 9.692, 129.844



82, 16.309, 74.429



53, 6.299, 129.816



0, 0.000, 0.000



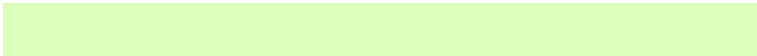
53, 0.007, 296.813

Same Dimension

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



86, 27.345, 129.143



96, 36.049, 128.936



85, 31.152, 143.448



47, 7.093, 129.733



64, 83.346, 128.963



17, 31.111, 129.001

Inverse Universe

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



75, 28.122, 311.135



81, 37.287, 311.349



77, 31.172, 326.091



44, 7.185, 310.532



28, 93.813, 312.657



4, 33.695, 311.468

Previews

White Background



This preview shows how the CIELCh color 86, 27.343, 129.141 looks on a white background.

Color Contrast Check

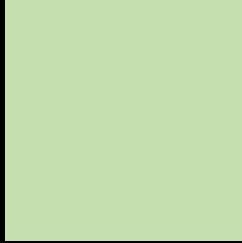
Large Text (above 18pt) WCAG AA × Fail

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 86, 27.343, 129.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

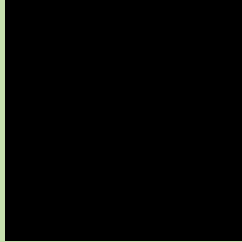
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

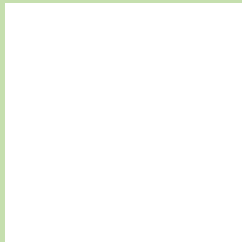
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 27.343, 129.141

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.343, 129.141.



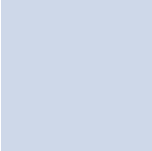
This preview shows how white text looks on a background with the CIELCh color 86, 27.343, 129.141.

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](#).

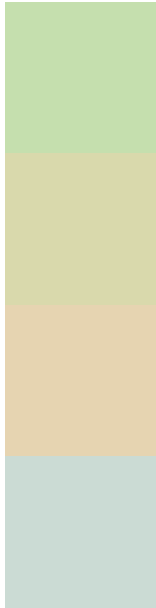
Dichromacy





Tritanopia
86, 9.492, 269.652

Trichromacy



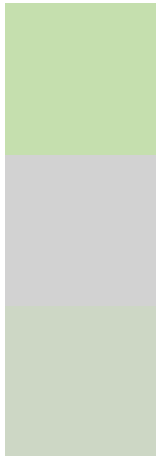
Original Color
86, 27.343, 129.141

Protanomaly
86, 23.404, 108.171

Deuteranomaly
86, 19.608, 87.658

Tritanomaly
86, 6.846, 166.595

Monochromacy



Original Color
86, 27.343, 129.141

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 10.159, 130.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 27.343, 129.141 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, 223, 174)` looks like.

```
.text, #text, p{  
    color:rgb(197, 223, 174)  
}
```

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, 223, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 223, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.343, 129.141 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, 223, 174) }
```

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

```
.border{ border-color:rgb(197, 223, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 223, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 223, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 223, 174); box-shadow:4px 4px 4px 4px rgb(197, 223, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.343, 129.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 223, 174) }
```

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

```
.background{ background-color: rgb(197,  
223, 174) }
```

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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