

Converting Colors

CIELCh(86, 24.881, 129.755)

Have a look what the booklet for
CIELCh(86, 24.881, 129.755)
contains.

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Color

CIELCh(86, 25.131, 129.323)

Conversions

Conversions Part 1

Format	Color
Hex	C7DFB2
RGB	199, 223, 178
RGB Percent	78%, 87%, 70%
CMY	0.2204, 0.1263, 0.3027
CMYK	0.11, 0.00, 0.20, 0.13
HSL	92°, 41%, 79%
HSV	92°, 20%, 87%
XYZ	57.8490, 67.9871, 52.0902
YIQ	210.6940, 0.1410, -19.0830

Conversions

Conversions Part 2

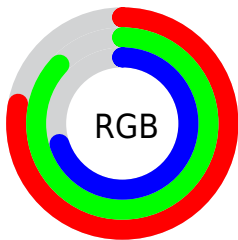
Format	Color
RYB	178, 223, 202
Decimal	13098930
CIELab	86.00, -15.93, 19.44
CIElCh	86, 25.131, 129.323
Yxy	67.9871, 0.3251, 0.3821
Android (android.graphics.Color)	4291289010 (0xFFC7DFB2)
YUV	210.6940, -16.1181, -10.2556
Hunter-Lab	82.4543, -19.0615, 20.2618

Details

The CIELCh color **86, 25.131, 129.323** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 25.784, 311.142**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **66, 25.314, 129.138** is the 20% darker color. If you saturate the color by 10%, you get **85, 37.508, 128.838**, and if you desaturate by 10%, it is **87, 12.673, 129.796**.

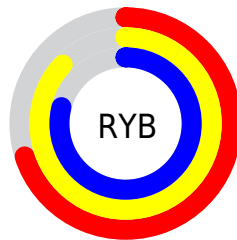
Distribution



Red (78%)

Green (87%)

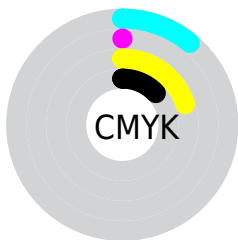
Blue (70%)



Red (70%)

Yellow (87%)

Blue (79%)

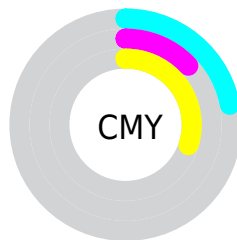


Cyan (11%)

Magenta (0%)

Yellow (20%)

Black (13%)



Cyan (22%)


Magenta (13%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 25.131, 129.323 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, 25.131, 129.323 by changing the saturation by 10% instead.


 86, 25.131,
129.323


 86, 25.131,
129.323


 100, 25.131,
129.323


 76, 25.131,
129.323

 66, 25.131,
129.323

 56, 25.131,
129.323

 46, 25.131,
129.323

 36, 25.131,
129.323


 26, 25.131,
129.323


 16, 25.131,


129.323


 6, 25.131, 129.323

 0, 25.131, 129.323

 86, 25.131,
129.323


 86, 25.131,
129.323


 85, 37.508,
128.838

 87, 12.673,
129.796


 84, 49.652,
128.356


 89, 0.232, 130.823


 83, 61.352,
127.916

 90, 12.119,
310.606

 82, 72.305,
127.582

 91, 18.657,
317.236

 81, 82.087,

 92, 20.147,
325.125

127.446

■ 80, 90.173,
127.635

■ 80, 96.065,
128.271

■ 79, 99.767,
129.303

Harmonies

Complementary

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



86, 25.131, 129.323



76, 25.784, 311.142

Rectangle

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



86, 25.131, 129.323



86, 25.131, 179.323



86, 25.131, 309.323



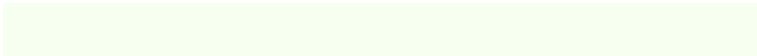
86, 25.131, 359.323

Sweetspot

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



86, 25.133, 129.325



99, 8.309, 129.988



82, 15.079, 76.359



53, 5.513, 129.957



0, 0.000, 0.000



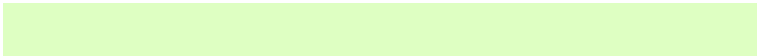
53, 0.007, 296.813

Same Dimension

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



86, 25.133, 129.325



96, 33.313, 129.132



85, 28.277, 144.033



47, 7.098, 129.830



64, 83.419, 129.049



17, 31.138, 129.095

Inverse Universe

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



76, 25.784, 311.142



83, 34.355, 311.340



78, 28.302, 326.459



44, 7.189, 310.627



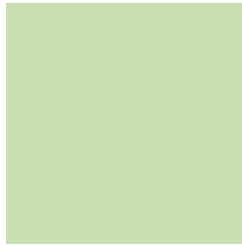
28, 93.757, 312.725



4, 33.715, 311.574

Previews

White Background



This preview shows how the CIELCh color 86, 25.131, 129.323 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 86, 25.131, 129.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

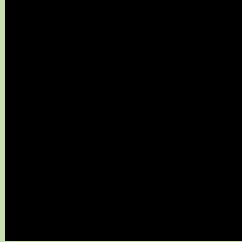
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

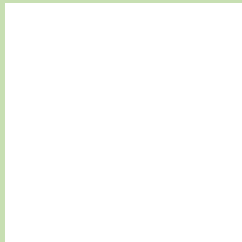
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 25.131, 129.323

Background



This preview shows how black text looks on a background with the CIELCh color 86, 25.131, 129.323.

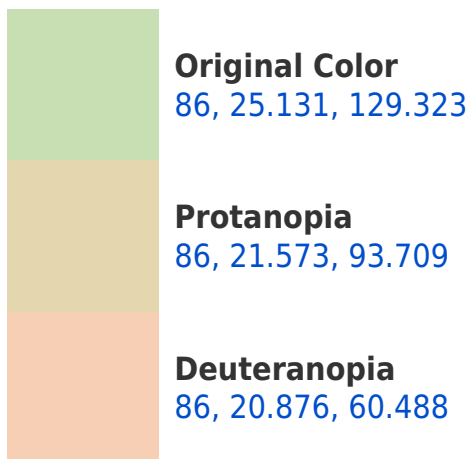


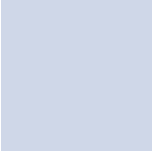
This preview shows how white text looks on a background with the CIELCh color 86, 25.131, 129.323.

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](#).

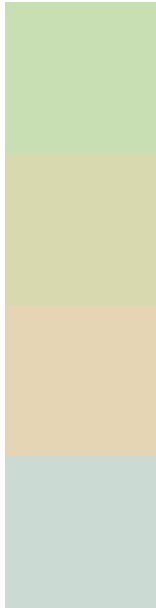
Dichromacy





Tritanopia
86, 9.289, 273.623

Trichromacy



Original Color
86, 25.131, 129.323

Protanomaly
86, 21.857, 108.305

Deuteranomaly
86, 18.327, 88.939

Tritanomaly
86, 5.958, 167.207

Monochromacy



Original Color
86, 25.131, 129.323

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 9.532, 129.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 25.131, 129.323 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(199, 223, 178)` looks like.

```
.text, #text, p{  
    color:rgb(199, 223, 178)  
}
```

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(199, 223, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 223, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 25.131, 129.323 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(199, 223, 178) }
```

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

```
.border{ border-color:rgb(199, 223, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 223, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 223, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 223, 178);  
box-shadow:4px 4px 4px 4px rgb(199, 223,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 25.131, 129.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 223, 178) }
```

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

```
.background{ background-color: rgb(199,  
223, 178) }
```

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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