

Converting Colors

CIELCh(86, 21.277, 131.472)

Have a look what the booklet for
CIELCh(86, 21.277, 131.472)
contains.

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Color

CIELCh(86, 21.010, 131.582)

Conversions

Conversions Part 1

Format	Color
Hex	C8DEB9
RGB	200, 222, 185
RGB Percent	78%, 87%, 73%
CMY	0.2159, 0.1296, 0.2747
CMYK	0.10, 0.00, 0.17, 0.13
HSL	96°, 36%, 80%
HSV	96°, 17%, 87%
XYZ	58.6642, 67.9871, 55.9013
YIQ	211.2040, -1.2350, -16.1710

Conversions

Conversions Part 2

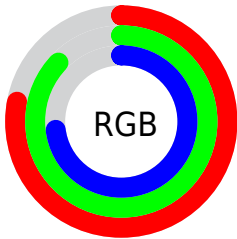
Format	Color
RYB	185, 222, 207
Decimal	13164217
CIELab	86.00, -13.94, 15.72
CIELCh	86, 21.010, 131.582
Yxy	67.9871, 0.3214, 0.3724
Android (android.graphics.Color)	4291354297 (0xFFC8DEB9)
YUV	211.2040, -12.9186, -9.8259
Hunter-Lab	82.4543, -17.2967, 17.5213

Details

The CIELCh color **86, 21.010, 131.582** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **78, 21.393, 313.016**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 7.086, 109.637**, and **66, 20.995, 131.577** is the 20% darker color. If you saturate the color by 10%, you get **85, 33.612, 131.099**, and if you desaturate by 10%, it is **87, 8.383, 132.045**.

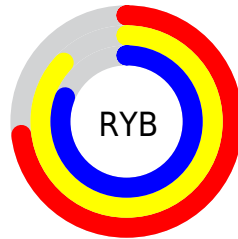
Distribution



Red (78%)

Green (87%)

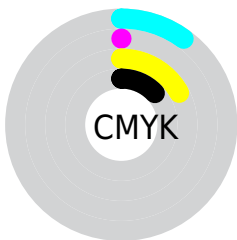
Blue (73%)



Red (73%)

Yellow (87%)

Blue (81%)

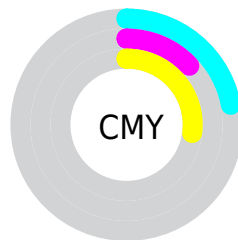


Cyan (10%)

Magenta (0%)

Yellow (17%)

Black (13%)



Cyan (22%)


Magenta (13%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 21.010, 131.582 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, 21.010, 131.582 by changing the saturation by 10% instead.


 86, 21.010,
131.582

 86, 21.010,
131.582


 100, 21.010,
131.582


 76, 21.010,
131.582

 66, 21.010,
131.582

 56, 21.010,
131.582

 46, 21.010,
131.582

 36, 21.010,
131.582


 26, 21.010,
131.582


 16, 21.010,


131.582

 6, 21.010, 131.582


 0, 21.010, 131.582

 86, 21.010,
131.582


 86, 21.010,
131.582


 85, 33.612,
131.099


 87, 8.383, 132.045


 83, 46.046,
130.601

 89, 4.180, 312.399


 82, 58.121,
130.118

 91, 16.608,
312.796

 81, 69.562,
129.702

 92, 20.259,
323.242

 81, 79.982,

 92, 20.682,
325.144

129.435

■ 80, 88.878,
129.432

■ 79, 95.712,
129.824

■ 79, 100.163,
130.691

■ 79, 101.326,
131.012

Harmonies

Complementary

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



86, 21.010, 131.582



78, 21.393, 313.016

Rectangle

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



86, 21.010, 131.582



86, 21.010, 181.582



86, 21.010, 311.582



86, 21.010, 1.582

Sweetspot

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



86, 21.012, 131.584



99, 7.025, 132.122



84, 12.789, 81.710



53, 4.795, 132.088



0, 0.000, 0.000



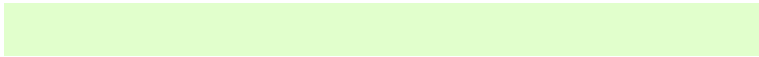
53, 0.007, 296.813

Same Dimension

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



86, 21.012, 131.584



97, 28.221, 131.418



85, 22.456, 145.709



46, 7.208, 131.918



64, 84.966, 130.776



17, 31.729, 131.013

Inverse Universe

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



78, 21.393, 313.016



86, 28.839, 313.176



79, 22.490, 327.718



44, 7.288, 312.689



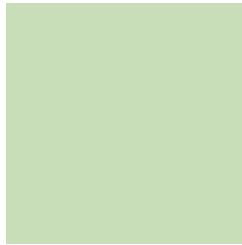
30, 92.547, 314.301



4, 34.146, 313.883

Previews

White Background



This preview shows how the CIELCh color 86, 21.010, 131.582 looks on a white background.

Color Contrast Check

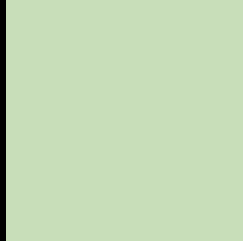
Large Text (above 18pt) WCAG AA × Fail

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, 21.010, 131.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

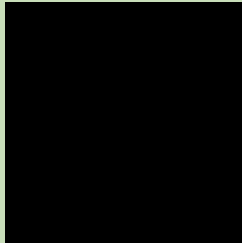
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

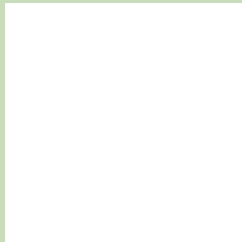
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 21.010, 131.582

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.010, 131.582.

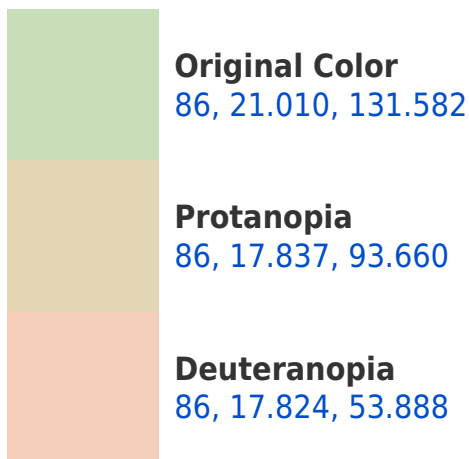


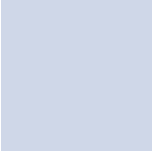
This preview shows how white text looks on a background with the CIELCh color 86, 21.010, 131.582.

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](#).

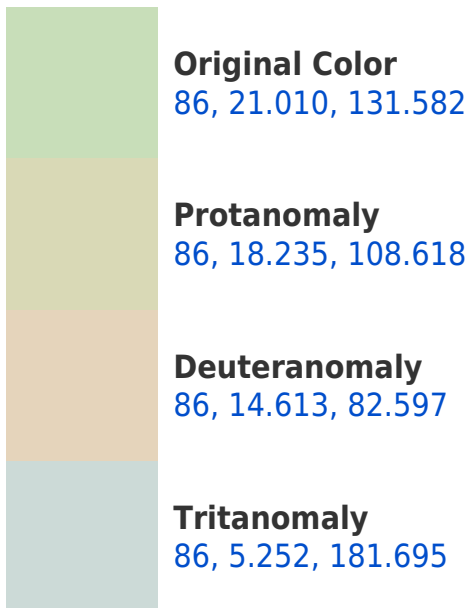
Dichromacy



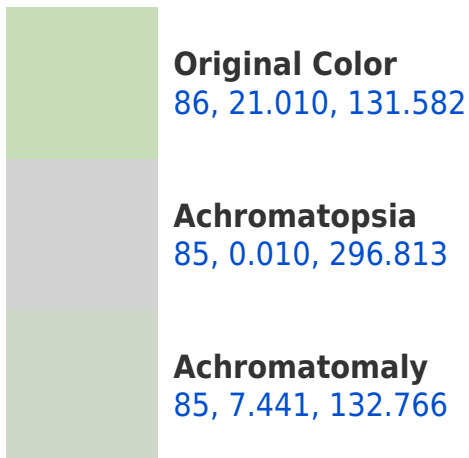


Tritanopia
86, 9.289, 273.623

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.010, 131.582 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, 222, 185)` looks like.

```
.text, #text, p{  
    color:rgb(200, 222, 185)  
}
```

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, 222, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 222, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.010, 131.582 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, 222, 185) }
```

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

```
.border{ border-color:rgb(200, 222, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 222, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 222, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 222, 185);  
box-shadow:4px 4px 4px 4px rgb(200, 222,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.010, 131.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 222, 185) }
```

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

```
.background{ background-color: rgb(200,  
222, 185) }
```

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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