

Converting Colors

CIELCh(86, 30.690, 131.868)

Have a look what the booklet for
CIELCh(86, 30.690, 131.868)
contains.

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Color

CIELCh(86, 30.733, 131.777)

Conversions

Conversions Part 1

Format	Color
Hex	C0E1AB
RGB	192, 225, 171
RGB Percent	75%, 88%, 67%
CMY	0.2471, 0.1177, 0.3295
CMYK	0.15, 0.00, 0.24, 0.12
HSL	97°, 47%, 78%
HSV	97°, 24%, 88%
XYZ	56.0054, 67.9871, 48.6923
YIQ	208.9770, -2.3340, -23.7900

Conversions

Conversions Part 2

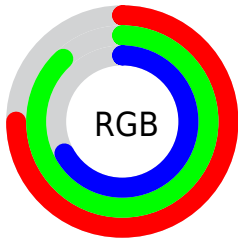
Format	Color
RYB	171, 225, 204
Decimal	12640683
CIELab	86.00, -20.48, 22.92
CIELCh	86, 30.733, 131.777
Yxy	67.9871, 0.3243, 0.3937
Android (android.graphics.Color)	4290830763 (0xFFC0E1AB)
YUV	208.9770, -18.7227, -14.8888
Hunter-Lab	82.4543, -23.0526, 22.7051

Details

The CIELCh color **86, 30.733, 131.777** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **74, 31.501, 313.897**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.361, 117.813**, and **66, 31.189, 131.616** is the 20% darker color. If you saturate the color by 10%, you get **85, 43.431, 131.276**, and if you desaturate by 10%, it is **87, 17.914, 132.259**.

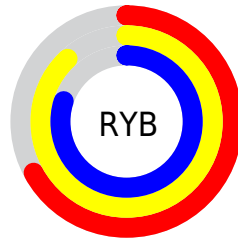
Distribution



Red (75%)

Green (88%)

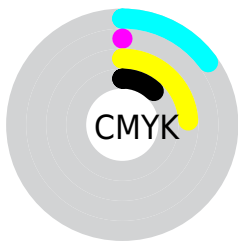
Blue (67%)



Red (67%)

Yellow (88%)

Blue (80%)

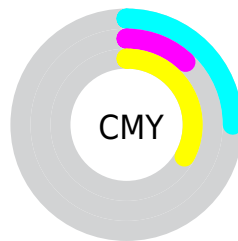


Cyan (15%)

Magenta (0%)

Yellow (24%)

Black (12%)



Cyan (25%)


Magenta (12%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 30.733, 131.777 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, 30.733, 131.777 by changing the saturation by 10% instead.


 86, 30.733,
131.777


 86, 30.733,
131.777


 100, 30.733,
131.777


 76, 30.733,
131.777

 66, 30.733,
131.777

 56, 30.733,
131.777

 46, 30.733,
131.777

 36, 30.733,
131.777

 26, 30.733,
131.777

 16, 30.733,

131.777

■ 6, 30.733, 131.777

■ 0, 30.733, 131.777

■ 86, 30.733,
131.777

■ 86, 30.733,
131.777

■ 85, 43.431,
131.276

■ 87, 17.914,
132.259

■ 84, 55.822,
130.777

■ 89, 5.097, 132.723

■ 83, 67.651,
130.325

■ 91, 7.626, 313.067

■ 82, 78.555,
129.992

■ 92, 17.383,
317.262

■ 81, 88.051,

■ 93, 18.769,
325.076

129.887

■ 80, 95.584,
130.140

■ 80, 100.725,
130.858

■ 80, 102.861,
131.437

Harmonies

Complementary

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



86, 30.733, 131.777



74, 31.501, 313.897

Rectangle

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



86, 30.733, 131.777



86, 30.733, 181.777



86, 30.733, 311.777



86, 30.733, 1.777

Sweetspot

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



86, 30.735, 131.778



99, 9.888, 132.579



83, 19.092, 82.287



53, 6.427, 132.551



0, 0.000, 0.000



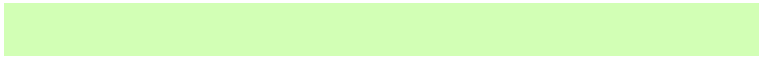
53, 0.007, 296.813

Same Dimension

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



86, 30.735, 131.778



95, 41.070, 131.519



85, 32.355, 145.619



46, 7.239, 132.470



64, 85.363, 131.194



17, 31.887, 131.492

Inverse Universe

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



74, 31.501, 313.897



80, 42.328, 314.138



76, 32.403, 328.666



44, 7.316, 313.236



30, 92.230, 314.756



4, 34.261, 314.502

Previews

White Background



This preview shows how the CIELCh color 86, 30.733, 131.777 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, 30.733, 131.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

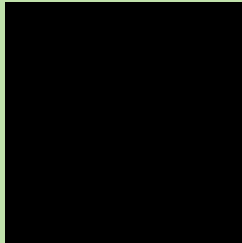
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

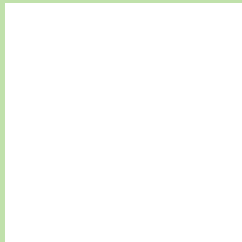
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 30.733, 131.777

Background



This preview shows how black text looks on a background with the CIELCh color 86, 30.733, 131.777.

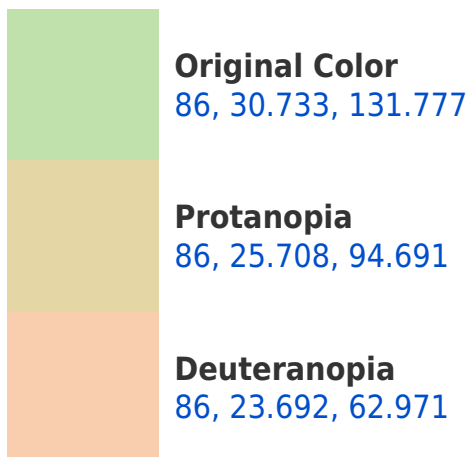


This preview shows how white text looks on a background with the CIELCh color 86, 30.733, 131.777.

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](#).

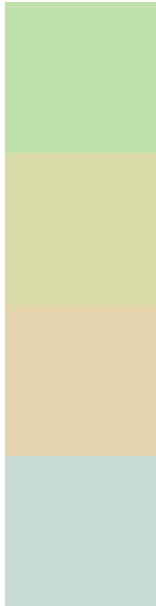
Dichromacy





Tritanopia
86, 10.182, 260.653

Trichromacy



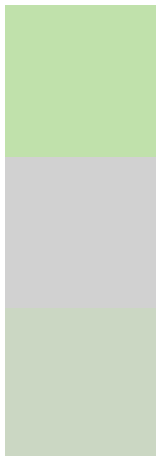
Original Color
86, 30.733, 131.777

Protanomaly
86, 25.973, 109.676

Deuteranomaly
86, 21.195, 92.379

Tritanomaly
86, 9.221, 168.016

Monochromacy



Original Color
86, 30.733, 131.777

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 11.420, 132.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 30.733, 131.777 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(192, 225, 171)` looks like.

```
.text, #text, p{  
    color:rgb(192, 225, 171)  
}
```

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(192, 225, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 225, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 30.733, 131.777 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(192, 225, 171) }
```

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

```
.border{ border-color:rgb(192, 225, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 225, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 225, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 225, 171);  
box-shadow:4px 4px 4px 4px rgb(192, 225,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 30.733, 131.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 225, 171) }
```

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

```
.background{ background-color: rgb(192,  
225, 171) }
```

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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