

Converting Colors

CIELCh(86, 60.643, 131.797)

Have a look what the booklet for
CIELCh(86, 60.643, 131.797)
contains.

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Color

CIELCh(86, 60.971, 131.831)

Conversions

Conversions Part 1

Format	Color
Hex	A4EA7E
RGB	164, 234, 126
RGB Percent	64%, 92%, 49%
CMY	0.3583, 0.0838, 0.5072
CMYK	0.30, 0.00, 0.46, 0.08
HSL	99°, 72%, 70%
HSV	99°, 46%, 92%
XYZ	48.2969, 67.9871, 30.2008
YIQ	200.7580, -7.0520, -48.4280

Conversions

Conversions Part 2

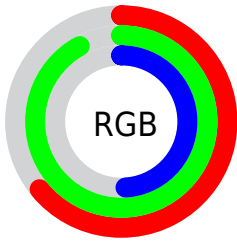
Format	Color
RYB	126, 234, 196
Decimal	10807934
CIELab	86.00, -40.66, 45.43
CIELCh	86, 60.971, 131.831
Yxy	67.9871, 0.3297, 0.4641
Android (android.graphics.Color)	4288998014 (0xFFA4EA7E)
YUV	200.7580, -36.8557, -32.2368
Hunter-Lab	82.4543, -39.7402, 36.0016

Details

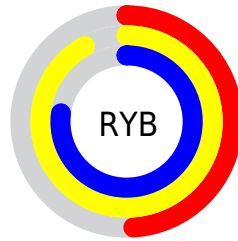
The CIELCh color **86, 60.971, 131.831** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **64, 63.616, 316.070**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 39.958, 125.995**, and **66, 61.059, 131.761** is the 20% darker color. If you saturate the color by 10%, you get **85, 73.117, 131.365**, and if you desaturate by 10%, it is **87, 48.158, 132.351**.

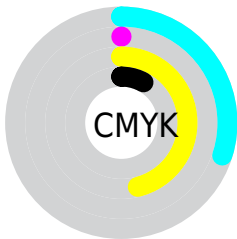
Distribution



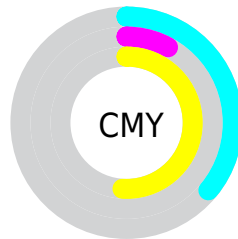
- Red (64%)
- Green (92%)
- Blue (49%)



- Red (49%)
- Yellow (92%)
- Blue (77%)



- Cyan (30%)
- Magenta (0%)
- Yellow (46%)
- Black (8%)





- Cyan (36%)
- Magenta (8%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 60.971, 131.831 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, 60.971, 131.831 by changing the saturation by 10% instead.


 86, 60.971,
131.831


 86, 60.971,
131.831


 100, 60.971,
131.831


 76, 60.971,
131.831

 66, 60.971,
131.831

 56, 60.971,
131.831

 46, 60.971,
131.831

 36, 60.971,
131.831


 26, 60.971,
131.831


 16, 60.971,


131.831


 6, 60.971, 131.831

 0, 60.971, 131.831

 86, 60.971,
131.831


 86, 60.971,
131.831


 85, 73.117,
131.365


 87, 48.158,
132.351

 84, 84.182,
131.029


 88, 34.970,
132.872

 83, 93.632,
130.941

 90, 21.620,
133.369

 83, 100.891,
131.232

 92, 8.254, 133.837

 82, 105.592,

 93, 5.019, 314.186

131.988

95, 13.244,
324.265

82, 106.917,
132.320

95, 13.338,
324.882

Harmonies

Complementary

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



86, 60.971, 131.831



64, 63.616, 316.070

Rectangle

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



86, 60.971, 131.831



86, 60.971, 181.831



86, 60.971, 311.831



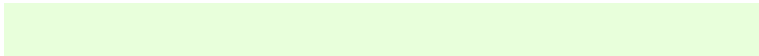
86, 60.971, 1.831

Sweetspot

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



86, 60.972, 131.832



98, 20.029, 133.472



80, 39.937, 82.166



52, 13.835, 133.368



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, 60.972, 131.832



92, 76.927, 131.405



84, 61.888, 144.392



48, 7.584, 133.687



65, 88.094, 132.090



19, 35.231, 131.730

Inverse Universe

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



64, 63.616, 316.070



64, 80.864, 316.393



68, 61.688, 331.122



46, 7.657, 314.454



32, 93.514, 315.798



6, 38.337, 316.619

Previews

White Background



This preview shows how the CIELCh color 86, 60.971, 131.831 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, 60.971, 131.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

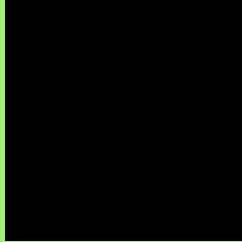
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 60.971, 131.831

Background



This preview shows how black text looks on a background with the CIELCh color 86, 60.971, 131.831.

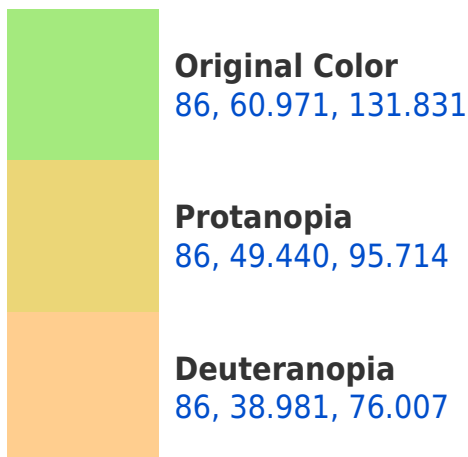


This preview shows how white text looks on a background with the CIELCh color 86, 60.971, 131.831.

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



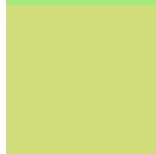


Tritanopia
86, 15.429, 234.216

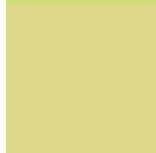
Trichromacy



Original Color
86, 60.971, 131.831



Protanomaly
85, 50.988, 111.370



Deuteranomaly
85, 40.757, 103.217

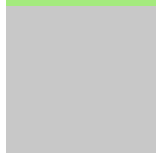


Tritanomaly
86, 23.848, 158.218

Monochromacy



Original Color
86, 60.971, 131.831



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 22.630, 133.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 60.971, 131.831 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(164, 234, 126)` looks like.

```
.text, #text, p{  
    color:rgb(164, 234, 126)  
}
```

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(164, 234, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 234, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 60.971, 131.831 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(164, 234, 126) }
```

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

```
.border{ border-color:rgb(164, 234, 126) }
```

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

Here you see how a box with a 4 pixel rgb(164, 234, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 234, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 234, 126);  
box-shadow:4px 4px 4px 4px rgb(164, 234,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 60.971, 131.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 234, 126) }
```

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

```
.background{ background-color: rgb(164,  
234, 126) }
```

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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