

Converting Colors

CIELCh(81, 13.874, 126.380)

Have a look what the booklet for
CIELCh(81, 13.874, 126.380)
contains.

CIELCh(81, 13.874, 126.380)	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(81, 13.874, 126.380)

Conversions

Conversions Part 1

Format	Color
Hex	C2CDB4
RGB	194, 205, 180
RGB Percent	76%, 80%, 71%
CMY	0.2390, 0.1958, 0.2939
CMYK	0.05, 0.00, 0.12, 0.20
HSL	86°, 20%, 76%
HSV	86°, 12%, 80%
XYZ	52.3577, 58.4711, 51.7416
YIQ	198.8610, 1.4690, -10.1070

Conversions

Conversions Part 2

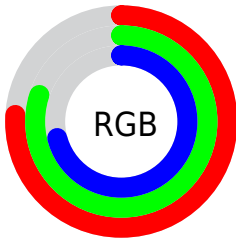
Format	Color
RYB	180, 205, 191
Decimal	12766644
CIELab	81.00, -8.23, 11.17
CIELCh	81, 13.874, 126.380
Yxy	58.4711, 0.3221, 0.3597
Android (android.graphics.Color)	4290956724 (0xFFC2CDB4)
YUV	198.8610, -9.2985, -4.2631
Hunter-Lab	76.4664, -11.5946, 13.4074

Details

The CIELCh color **81, 13.874, 126.380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 14.143, 307.533**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 9.742, 117.903**, and **61, 14.154, 126.883** is the 20% darker color. If you saturate the color by 10%, you get **80, 25.244, 125.886**, and if you desaturate by 10%, it is **82, 2.485, 126.889**.

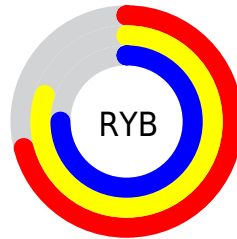
Distribution



Red (76%)

Green (80%)

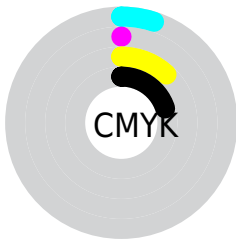
Blue (71%)



Red (71%)

Yellow (80%)

Blue (75%)

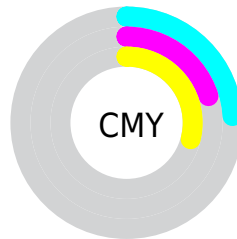


Cyan (5%)

Magenta (0%)

Yellow (12%)

Black (20%)



Cyan (24%)


Magenta (20%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 13.874, 126.380 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 81, 13.874, 126.380 by changing the saturation by 10% instead.


 81, 13.874,
126.380


 81, 13.874,
126.380


 100, 13.874,
126.380


 71, 13.874,
126.380


 61, 13.874,
126.380

 51, 13.874,
126.380

 41, 13.874,
126.380

 31, 13.874,
126.380

 21, 13.874,
126.380

 11, 13.874,

126.380

■ 1, 13.874, 126.380

■ 0, 13.874, 126.380

■ 81, 13.874,
126.380

■ 81, 13.874,
126.380

■ 80, 25.244,
125.886

■ 82, 2.485, 126.889

■ 79, 36.492,
125.385

■ 83, 8.863, 307.280

■ 78, 47.483,
124.905

■ 85, 20.119,
307.695

■ 77, 58.015,
124.489

■ 86, 27.713,
310.081

■ 76, 67.794,

■ 87, 28.779,
316.039

124.203

87, 30.127,
321.613

76, 76.415,
124.143

88, 31.309,
325.514

75, 83.387,
124.432

75, 88.286,
125.185

74, 90.859,
126.039

Harmonies

Complementary

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



81, 13.874, 126.380



75, 14.143, 307.533

Rectangle

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



81, 13.874, 126.380



81, 13.874, 176.380



81, 13.874, 306.380



81, 13.874, 356.380

Sweetspot

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



81, 13.876, 126.384



99, 5.420, 126.785



78, 7.905, 66.480



53, 3.854, 126.746



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 13.876, 126.384



98, 20.375, 126.236



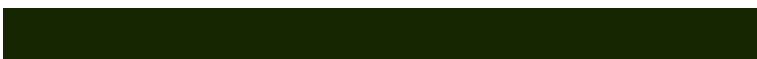
80, 15.927, 141.988



43, 6.425, 126.521



61, 77.390, 125.788



13, 24.028, 128.140

Inverse Universe

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



75, 14.143, 307.533



89, 20.858, 307.691



76, 15.970, 323.241



40, 6.524, 307.388



24, 91.463, 310.711



2, 24.287, 304.492

Previews

White Background



This preview shows how the CIELCh color 81, 13.874, 126.380 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 81, 13.874, 126.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

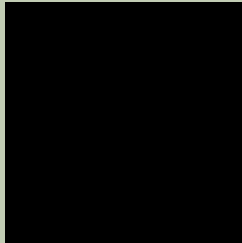
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

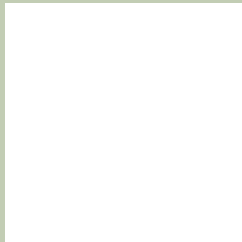
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 13.874, 126.380

Background



This preview shows how black text looks on a background with the CIELCh color 81, 13.874, 126.380.

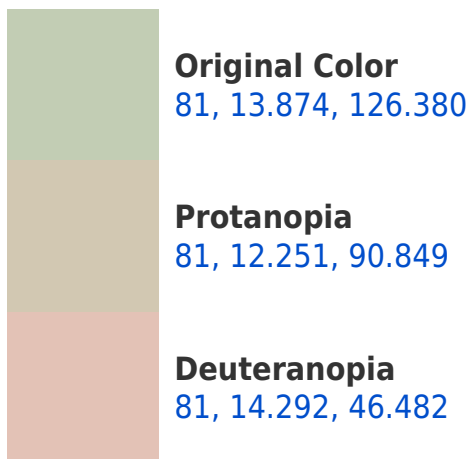


This preview shows how white text looks on a background with the CIELCh color 81, 13.874, 126.380.

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](#).

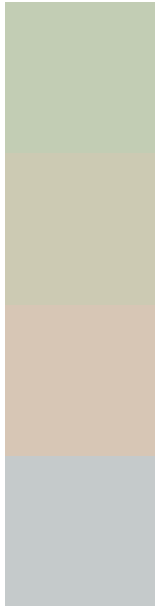
Dichromacy





Tritanopia
81, 8.511, 288.561

Trichromacy



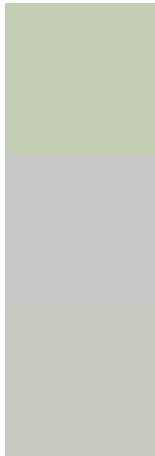
Original Color
81, 13.874, 126.380

Protanomaly
81, 12.176, 105.492

Deuteranomaly
81, 11.122, 73.449

Tritanomaly
81, 1.879, 216.005

Monochromacy



Original Color
81, 13.874, 126.380

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 5.007, 126.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 13.874, 126.380 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(194, 205, 180)` looks like.

```
.text, #text, p{  
    color:rgb(194, 205, 180)  
}
```

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(194, 205, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 205, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 13.874, 126.380 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(194, 205, 180) }
```

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

```
.border{ border-color:rgb(194, 205, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 205, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 205, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 205, 180);  
box-shadow:4px 4px 4px 4px rgb(194, 205,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 13.874, 126.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 205, 180) }
```

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

```
.background{ background-color: rgb(194,  
205, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor