

Converting Colors

CIELCh(81, 11.669, 122.255)

Have a look what the booklet for
CIELCh(81, 11.669, 122.255)
contains.

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Color

CIELCh(81, 11.427, 122.499)

Conversions

Conversions Part 1

Format	Color
Hex	C5CCB7
RGB	197, 204, 183
RGB Percent	77%, 80%, 72%
CMY	0.2275, 0.2000, 0.2824
CMYK	0.03, 0.00, 0.10, 0.20
HSL	80°, 17%, 76%
HSV	80°, 10%, 80%
XYZ	53.1626, 58.4711, 53.2808
YIQ	199.5130, 2.5690, -8.0150

Conversions

Conversions Part 2

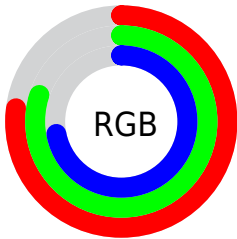
Format	Color
RYB	183, 204, 190
Decimal	12962999
CIELab	81.00, -6.14, 9.64
CIElCh	81, 11.427, 122.499
Yxy	58.4711, 0.3224, 0.3546
Android (android.graphics.Color)	4291153079 (0xFFC5CCB7)
YUV	199.5130, -8.1409, -2.2039
Hunter-Lab	76.4664, -9.7157, 12.2140

Details

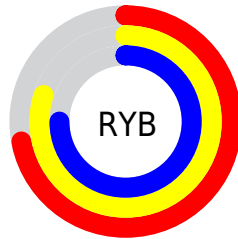
The CIELCh color **81, 11.427, 122.499** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 11.652, 303.627**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.111, 112.087**, and **61, 11.554, 122.983** is the 20% darker color. If you saturate the color by 10%, you get **80, 22.504, 121.945**, and if you desaturate by 10%, it is **82, 0.319, 123.230**.

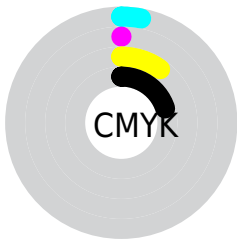
Distribution



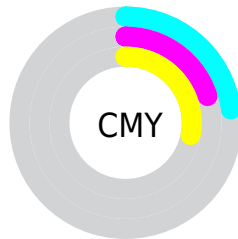
- Red (77%)
- Green (80%)
- Blue (72%)



- Red (72%)
- Yellow (80%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)




- Cyan (23%)
- Magenta (20%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 11.427, 122.499 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, 11.427, 122.499 by changing the saturation by 10% instead.

 81, 11.427,
122.499

 81, 11.427,
122.499


 100, 11.427,
122.499

 71, 11.427,
122.499


 61, 11.427,
122.499

 51, 11.427,
122.499

 41, 11.427,
122.499

 31, 11.427,
122.499

 21, 11.427,
122.499

 11, 11.427,

122.499

■ 1, 11.427, 122.499

■ 0, 11.427, 122.499

■ 81, 11.427,
122.499

■ 81, 11.427,
122.499

■ 80, 22.504,
121.945

■ 82, 0.319, 123.230

■ 79, 33.458,
121.384

■ 83, 10.769,
303.543

■ 78, 44.167,
120.846

■ 84, 21.791,
304.025

■ 78, 54.449,
120.369

■ 85, 27.831,
306.453

■ 77, 64.033,

■ 86, 28.467,
311.011

120.012

86, 29.271,
315.402

76, 72.535,
119.858

87, 30.234,
319.590

76, 79.474,
120.018

87, 31.343,
323.549

75, 84.398,
120.603

88, 31.984,
325.537

75, 87.359,
121.559

Harmonies

Complementary

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



81, 11.427, 122.499



76, 11.652, 303.627

Rectangle

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



81, 11.427, 122.499



81, 11.427, 172.499



81, 11.427, 302.499



81, 11.427, 352.499

Sweetspot

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



81, 11.429, 122.504



100, 3.983, 122.910



78, 6.479, 54.816



53, 3.021, 122.863



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, 11.429, 122.504



99, 15.966, 122.401



80, 12.959, 139.322



43, 6.297, 122.554



62, 74.750, 121.333



13, 23.204, 123.492

Inverse Universe

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



76, 11.652, 303.627



91, 16.328, 303.741



76, 13.023, 320.247



40, 6.410, 303.573



22, 93.414, 308.866



2, 23.962, 301.103

Previews

White Background



This preview shows how the CIELCh color 81, 11.427, 122.499 looks on a white background.

Color Contrast Check

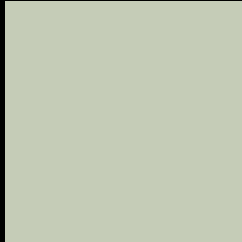
Large Text (above 18pt) WCAG AA × Fail

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, 11.427, 122.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

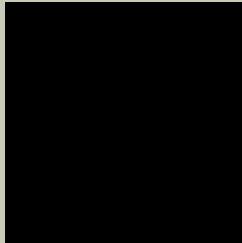
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

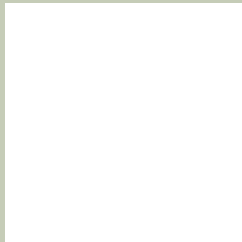
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 11.427, 122.499

Background



This preview shows how black text looks on a background with the CIELCh color 81, 11.427, 122.499.

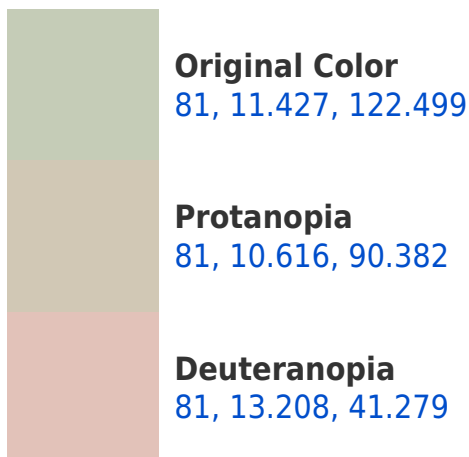



This preview shows how white text looks on a background with the CIELCh color 81, 11.427, 122.499.

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, 8.598, 298.046

Trichromacy



Original Color
81, 11.427, 122.499

Protanomaly
81, 10.158, 100.670

Deuteranomaly
81, 9.851, 68.311

Tritanomaly
81, 1.126, 271.521

Monochromacy



Original Color
81, 11.427, 122.499

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.785, 121.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 11.427, 122.499 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(197, 204, 183)` looks like.

```
.text, #text, p{  
    color:rgb(197, 204, 183)  
}
```

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(197, 204, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 204, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 11.427, 122.499 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(197, 204, 183) }
```

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

```
.border{ border-color:rgb(197, 204, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 204, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 204, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 204, 183);  
box-shadow:4px 4px 4px 4px rgb(197, 204,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 11.427, 122.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 204, 183) }
```

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

```
.background{ background-color: rgb(197,  
204, 183) }
```

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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