

Converting Colors

CIELCh(81, 23.781, 113.726)

Have a look what the booklet for
CIELCh(81, 23.781, 113.726)
contains.

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Color

CIELCh(81, 23.781, 113.726)

Conversions

Conversions Part 1

Format	Color
Hex	C7CDA0
RGB	199, 205, 160
RGB Percent	78%, 80%, 63%
CMY	0.2188, 0.1953, 0.3718
CMYK	0.03, 0.00, 0.22, 0.20
HSL	68°, 31%, 72%
HSV	68°, 22%, 80%
XYZ	51.8461, 58.4711, 41.8980
YIQ	198.0760, 10.8690, -15.2670

Conversions

Conversions Part 2

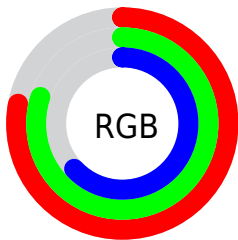
Format	Color
RYB	160, 205, 166
Decimal	13094304
CIELab	81.00, -9.57, 21.77
CIELCh	81, 23.781, 113.726
Yxy	58.4711, 0.3406, 0.3841
Android (android.graphics.Color)	4291284384 (0xFFC7CDA0)
YUV	198.0760, -18.7715, 0.8103
Hunter-Lab	76.4664, -12.7889, 21.0399

Details

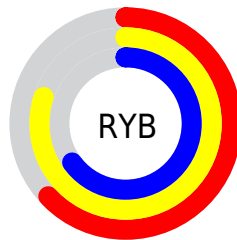
The CIELCh color **81, 23.781, 113.726** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 24.988, 297.362**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **61, 23.984, 113.536** is the 20% darker color. If you saturate the color by 10%, you get **80, 34.416, 112.962**, and if you desaturate by 10%, it is **82, 12.982, 114.503**.

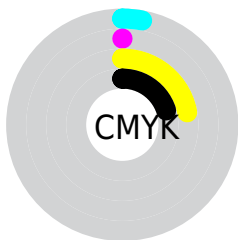
Distribution



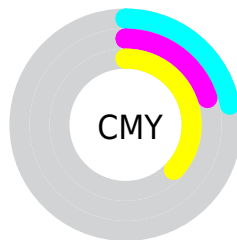
- Red (78%)
- Green (80%)
- Blue (63%)



- Red (63%)
- Yellow (80%)
- Blue (65%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)





- Cyan (22%)
- Magenta (20%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 23.781, 113.726 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, 23.781, 113.726 by changing the saturation by 10% instead.


 81, 23.781,
113.726


 81, 23.781,
113.726


 100, 23.781,
113.726


 71, 23.781,
113.726

 61, 23.781,
113.726

 51, 23.781,
113.726

 41, 23.781,
113.726

 31, 23.781,
113.726

 21, 23.781,
113.726

 11, 23.781,

113.726

■ 1, 23.781, 113.726

■ 0, 23.781, 113.726

■ 81, 23.781,
113.726

■ 81, 23.781,
113.726

■ 80, 34.416,
112.962

■ 82, 12.982,
114.503

■ 80, 44.750,
112.223

■ 82, 2.100, 115.260

■ 79, 54.586,
111.547

■ 83, 8.804, 296.008

■ 79, 63.623,
110.982

■ 84, 19.691,
296.717

■ 79, 71.445,

■ 85, 26.455,
297.884

110.592

85, 26.564,
299.841

78, 77.545,
110.453

85, 26.702,
301.791

78, 81.489,
110.634

85, 26.870,
303.732

78, 83.297,
110.987

85, 27.067,
305.657

Harmonies

Complementary

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



81, 23.781, 113.726



68, 24.988, 297.362

Rectangle

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



81, 23.781, 113.726



81, 23.781, 163.726



81, 23.781, 293.726



81, 23.781, 343.726

Sweetspot

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



81, 23.783, 113.730



99, 9.086, 114.874



71, 15.855, 32.455



53, 5.904, 114.828



0, 0.000, 0.000



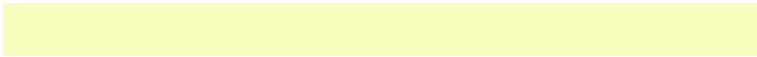
53, 0.007, 296.813

Same Dimension

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



81, 23.783, 113.730



98, 33.550, 113.390



79, 26.229, 132.613



43, 6.143, 114.698



64, 71.047, 110.869



14, 22.131, 113.112

Inverse Universe

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



68, 24.988, 297.362



79, 35.641, 297.835



70, 26.781, 314.519



39, 6.275, 296.169



20, 96.094, 306.828



2, 23.638, 295.886

Previews

White Background



This preview shows how the CIELCh color 81, 23.781, 113.726 looks on a white background.

Color Contrast Check

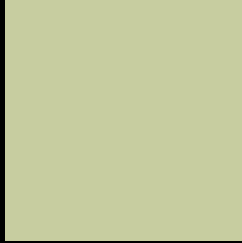
Large Text (above 18pt) WCAG AA × Fail

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, 23.781, 113.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

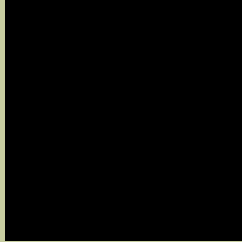
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

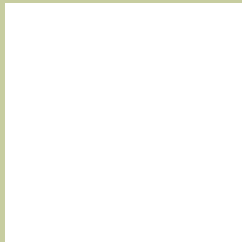
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 23.781, 113.726

Background



This preview shows how black text looks on a background with the CIELCh color 81, 23.781, 113.726.

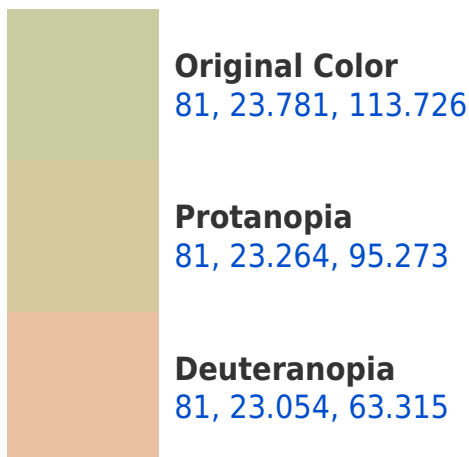


This preview shows how white text looks on a background with the CIELCh color 81, 23.781, 113.726.

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](#).

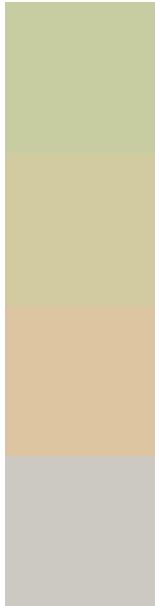
Dichromacy





Tritanopia
81, 9.020, 309.386

Trichromacy



Original Color
81, 23.781, 113.726

Protanomaly
81, 23.276, 102.238

Deuteranomaly
81, 20.907, 81.305

Tritanomaly
81, 3.855, 93.051

Monochromacy



Original Color
81, 23.781, 113.726

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 9.084, 116.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 23.781, 113.726 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(199, 205, 160)` looks like.

```
.text, #text, p{  
    color:rgb(199, 205, 160)  
}
```

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(199, 205, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 205, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 23.781, 113.726 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(199, 205, 160) }
```

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

```
.border{ border-color:rgb(199, 205, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 205, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 205, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 205, 160);  
box-shadow:4px 4px 4px 4px rgb(199, 205,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 23.781, 113.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 205, 160) }
```

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

```
.background{ background-color: rgb(199,  
205, 160) }
```

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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