

Converting Colors

CIELCh(81, 19.060, 113.132)

Have a look what the booklet for
CIELCh(81, 19.060, 113.132)
contains.

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Color

CIELCh(81, 19.043, 113.138)

Conversions

Conversions Part 1

Format	Color
Hex	C8CCA8
RGB	200, 204, 168
RGB Percent	78%, 80%, 66%
CMY	0.2146, 0.1989, 0.3401
CMYK	0.02, 0.00, 0.18, 0.20
HSL	67°, 26%, 73%
HSV	67°, 18%, 80%
XYZ	52.6442, 58.4711, 45.6876
YIQ	198.7000, 9.1720, -12.0440

Conversions

Conversions Part 2

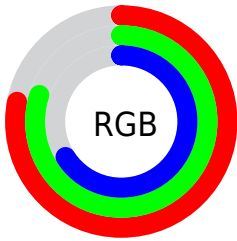
Format	Color
RYB	168, 204, 172
Decimal	13159592
CIELab	81.00, -7.48, 17.51
CIELCh	81, 19.043, 113.138
Yxy	58.4711, 0.3357, 0.3729
Android (android.graphics.Color)	4291349672 (0xFFC8CCA8)
YUV	198.7000, -15.1351, 1.1401
Hunter-Lab	76.4664, -10.9258, 18.1016

Details

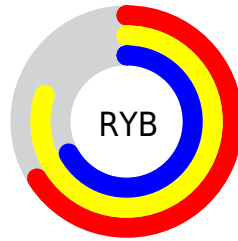
The CIELCh color **81, 19.043, 113.138** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 19.813, 296.126**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.187, 108.954**, and **61, 19.013, 113.051** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.704, 112.340**, and if you desaturate by 10%, it is **82, 8.258, 113.942**.

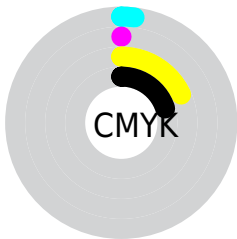
Distribution



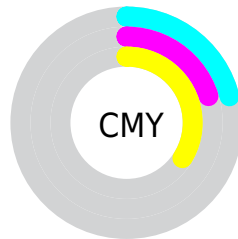
- Red (78%)
- Green (80%)
- Blue (66%)



- Red (66%)
- Yellow (80%)
- Blue (67%)



- Cyan (2%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)





- Cyan (21%)
- Magenta (20%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 19.043, 113.138 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, 19.043, 113.138 by changing the saturation by 10% instead.


 81, 19.043,
113.138


 81, 19.043,
113.138


 100, 19.043,
113.138


 71, 19.043,
113.138


 61, 19.043,
113.138

 51, 19.043,
113.138

 41, 19.043,
113.138

 31, 19.043,
113.138

 21, 19.043,
113.138

 11, 19.043,

113.138

■ 1, 19.043, 113.138

■ 0, 19.043, 113.138

■ 81, 19.043,
113.138

■ 81, 19.043,
113.138

■ 80, 29.704,
112.340

■ 82, 8.258, 113.942

■ 80, 40.128,
111.555

■ 82, 2.583, 294.738

■ 79, 50.149,
110.816

■ 83, 13.430,
295.489

■ 79, 59.515,
110.163

■ 84, 24.248,
296.215

■ 79, 67.860,

■ 84, 26.949,
297.589

109.650

84, 27.033,
299.180

78, 74.706,
109.342

85, 27.136,
300.769

78, 79.559,
109.310

85, 27.259,
302.353

78, 82.227,
109.587

85, 27.401,
303.929

78, 82.719,
109.671

Harmonies

Complementary

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



81, 19.043, 113.138



70, 19.813, 296.126

Rectangle

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



81, 19.043, 113.138



81, 19.043, 163.138



81, 19.043, 293.138



81, 19.043, 343.138

Sweetspot

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



81, 19.045, 113.143



100, 6.479, 114.144



73, 12.808, 29.121



53, 4.421, 114.088



0, 0.000, 0.000



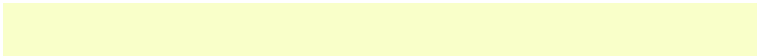
53, 0.007, 296.813

Same Dimension

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



81, 19.045, 113.143



98, 27.122, 112.850



80, 20.803, 131.722



43, 6.133, 113.802



64, 70.800, 109.573



14, 22.064, 111.855

Inverse Universe

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



70, 19.813, 296.126



83, 28.464, 296.508



72, 21.193, 313.232



39, 6.267, 295.335



20, 96.279, 306.705



2, 23.615, 295.316

Previews

White Background



This preview shows how the CIELCh color 81, 19.043, 113.138 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 81, 19.043, 113.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

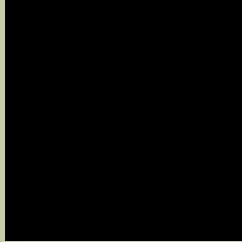
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

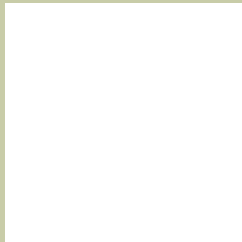
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 19.043, 113.138

Background



This preview shows how black text looks on a background with the CIELCh color 81, 19.043, 113.138.

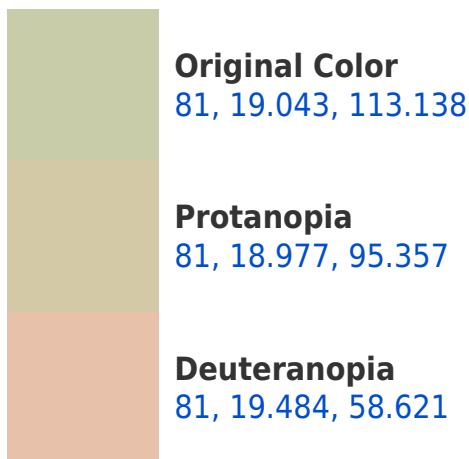


This preview shows how white text looks on a background with the CIELCh color 81, 19.043, 113.138.

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](#).

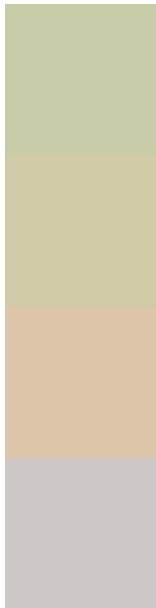
Dichromacy





Tritanopia
81, 9.143, 311.522

Trichromacy



Original Color
81, 19.043, 113.138

Protanomaly
81, 18.610, 101.279

Deuteranomaly
81, 17.417, 77.545

Tritanomaly
81, 2.420, 60.290

Monochromacy



Original Color
81, 19.043, 113.138

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 6.932, 115.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 19.043, 113.138 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(200, 204, 168)` looks like.

```
.text, #text, p{  
    color:rgb(200, 204, 168)  
}
```

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(200, 204, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 204, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 19.043, 113.138 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(200, 204, 168) }
```

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

```
.border{ border-color:rgb(200, 204, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 204, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 204, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 204, 168);  
box-shadow:4px 4px 4px 4px rgb(200, 204,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 19.043, 113.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 204, 168) }
```

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

```
.background{ background-color: rgb(200,  
204, 168) }
```

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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