

Converting Colors

CIELCh(81, 10.496, 113.330)

Have a look what the booklet for
CIELCh(81, 10.496, 113.330)
contains.

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Color

CIELCh(81, 10.602, 113.312)

Conversions

Conversions Part 1

Format	Color
Hex	C9CBB7
RGB	201, 203, 183
RGB Percent	79%, 80%, 72%
CMY	0.2122, 0.2044, 0.2828
CMYK	0.01, 0.00, 0.10, 0.20
HSL	66°, 16%, 76%
HSV	66°, 10%, 80%
XYZ	53.9187, 58.4711, 53.1805
YIQ	200.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

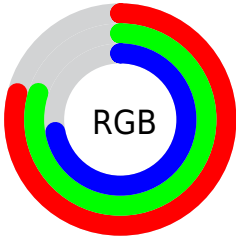
Format	Color
RYB	183, 203, 185
Decimal	13224887
CIELab	81.00, -4.20, 9.74
CIElCh	81, 10.602, 113.312
Yxy	58.4711, 0.3257, 0.3531
Android (android.graphics.Color)	4291414967 (0xFFC9CBB7)
YUV	200.1220, -8.4411, 0.7700
Hunter-Lab	76.4664, -7.9506, 12.2918

Details

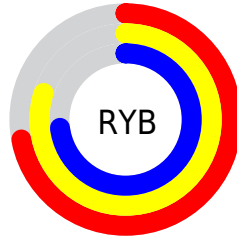
The CIELCh color $81, 10.602, 113.312$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 10.846, 294.964$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 8.099, 109.562$, and $61, 10.664, 113.316$ is the 20% darker color. If you saturate the color by 10%, you get $80, 21.302, 112.503$, and if you desaturate by 10%, it is $82, 0.162, 294.289$.

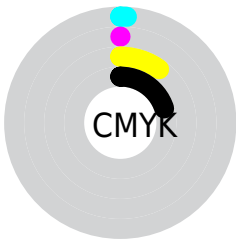
Distribution



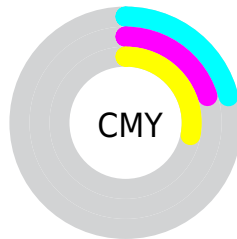
- Red (79%)
- Green (80%)
- Blue (72%)



- Red (72%)
- Yellow (80%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)





- Cyan (21%)
- Magenta (20%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 10.602, 113.312 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, 10.602, 113.312 by changing the saturation by 10% instead.


 81, 10.602,
113.312


 81, 10.602,
113.312


 100, 10.602,
113.312


 71, 10.602,
113.312


 61, 10.602,
113.312

 51, 10.602,
113.312

 41, 10.602,
113.312

 31, 10.602,
113.312

 21, 10.602,
113.312

 11, 10.602,

113.312

■ 1, 10.602, 113.312

■ 0, 10.602, 113.312

■ 81, 10.602,
113.312

■ 81, 10.602,
113.312

■ 80, 21.302,
112.503

■ 82, 0.162, 294.289

■ 80, 31.852,
111.688

■ 82, 10.945,
294.909

■ 79, 42.137,
110.895

■ 83, 21.707,
295.657

■ 79, 51.974,
110.156

■ 84, 27.678,
296.673

■ 79, 61.088,

■ 84, 27.740,
298.055

109.511

84, 27.818,
299.437

78, 69.088,
109.016

84, 27.910,
300.817

78, 75.483,
108.735

84, 28.018,
302.193

78, 79.805,
108.735

84, 28.142,
303.565

78, 82.138,
109.006

Harmonies

Complementary

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



81, 10.602, 113.312



75, 10.846, 294.964

Rectangle

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



81, 10.602, 113.312



81, 10.602, 163.312



81, 10.602, 293.312



81, 10.602, 343.312

Sweetspot

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



81, 10.604, 113.319



100, 3.881, 113.864



77, 6.898, 28.786



53, 2.944, 113.801



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, 10.604, 113.319



99, 15.533, 113.132



80, 11.548, 132.081



43, 6.129, 113.357



65, 70.693, 108.924



14, 22.035, 111.227

Inverse Universe

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



75, 10.846, 294.964



90, 15.965, 295.181



76, 11.678, 312.883



39, 6.263, 294.922



19, 96.361, 306.651



2, 23.604, 295.033

Previews

White Background



This preview shows how the CIELCh color 81, 10.602, 113.312 looks on a white background.

Color Contrast Check

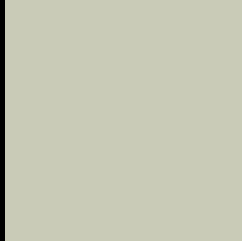
Large Text (above 18pt) WCAG AA × Fail

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, 10.602, 113.312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

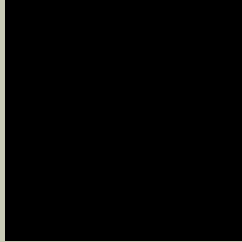
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

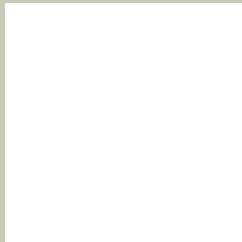
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 10.602, 113.312

Background



This preview shows how black text looks on a background with the CIELCh color 81, 10.602, 113.312.

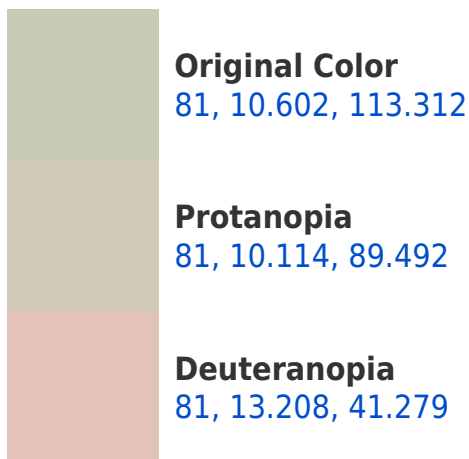


This preview shows how white text looks on a background with the CIELCh color 81, 10.602, 113.312.

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](#).

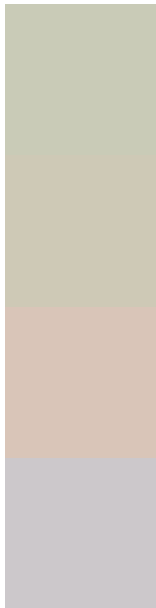
Dichromacy





Tritanopia
81, 8.911, 307.200

Trichromacy



Original Color
81, 10.602, 113.312

Protanomaly
81, 10.220, 98.553

Deuteranomaly
81, 10.296, 61.602

Tritanomaly
81, 2.180, 332.315

Monochromacy



Original Color
81, 10.602, 113.312

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.726, 115.521

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 10.602, 113.312 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(201, 203, 183)` looks like.

```
.text, #text, p{  
    color:rgb(201, 203, 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(201, 203, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 203, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 10.602, 113.312 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(201, 203, 183) }
```

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

```
.border{ border-color:rgb(201, 203, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 203, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 203, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 203, 183);  
box-shadow:4px 4px 4px 4px rgb(201, 203,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 10.602, 113.312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 203, 183) }
```

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

```
.background{ background-color: rgb(201,  
203, 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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