

Converting Colors

CIELCh(81, 7.962, 82.442)

Have a look what the booklet for
CIELCh(81, 7.962, 82.442) contains.

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Color

CIELCh(81, 7.835, 80.711)

Conversions

Conversions Part 1

Format	Color
Hex	D2C8BB
RGB	210, 200, 187
RGB Percent	82%, 78%, 73%
CMY	0.1772, 0.2164, 0.2674
CMYK	0.00, 0.05, 0.11, 0.18
HSL	34°, 20%, 78%
HSV	34°, 11%, 82%
XYZ	56.0809, 58.4711, 55.2366
YIQ	201.5080, 10.1330, -1.9230

Conversions

Conversions Part 2

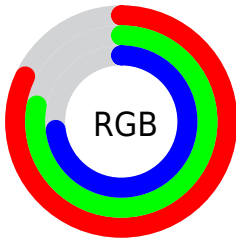
Format	Color
R _Y B	205, 210, 187
Decimal	13813947
CIE Lab	81.00, 1.26, 7.73
CIE LCh	81, 7.835, 80.711
Yxy	58.4711, 0.3303, 0.3444
Android (android.graphics.Color)	4292004027 (0xFFD2C8BB)
YUV	201.5080, -7.1524, 7.4475
Hunter-Lab	76.4664, -2.9033, 10.6975

Details

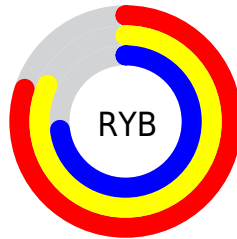
The CIELCh color $81, 7.835, 80.711$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 7.717, 263.676$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 6.073, 109.711$, and $61, 7.639, 81.022$ is the 20% darker color. If you saturate the color by 10%, you get $78, 15.262, 79.446$, and if you desaturate by 10%, it is $84, 0.667, 81.543$.

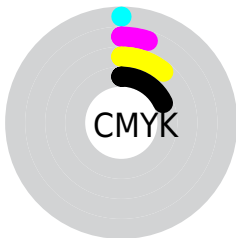
Distribution



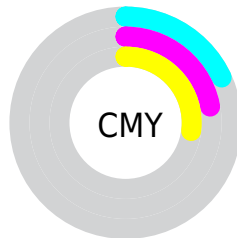
- Red (82%)
- Green (78%)
- Blue (73%)



- Red (80%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (18%)

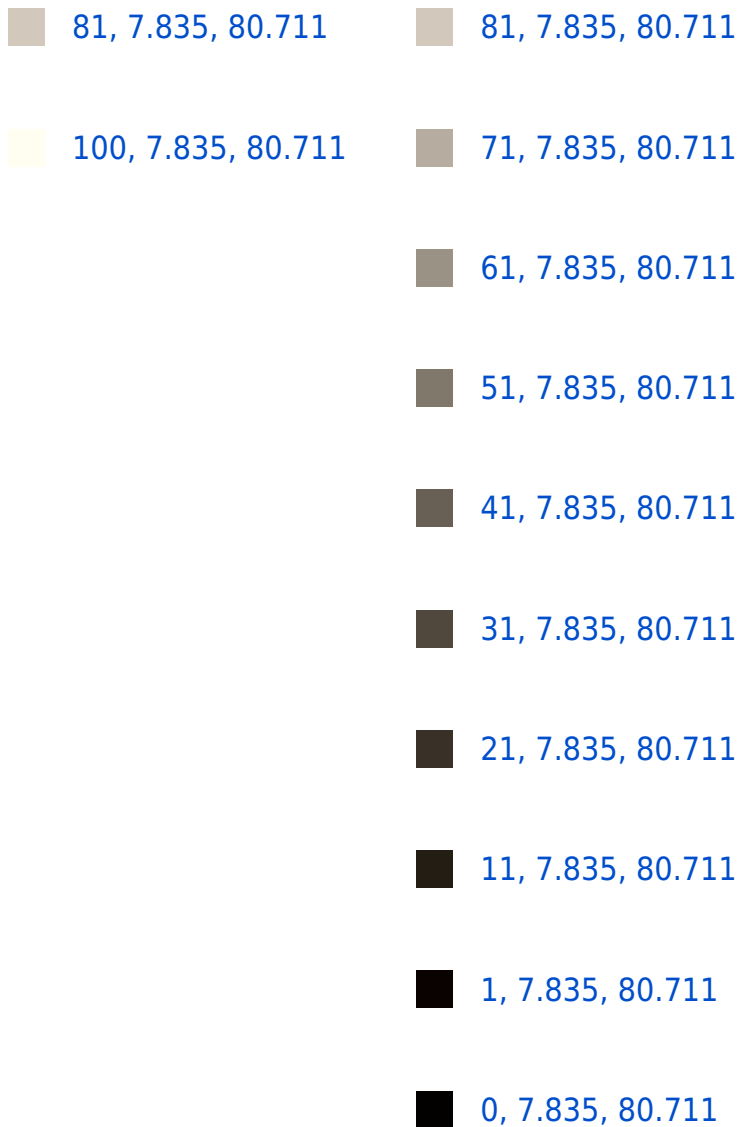


- Cyan (18%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 7.835, 80.711 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, 7.835, 80.711 by changing the saturation by 10% instead.



81, 7.835, 80.711	81, 7.835, 80.711
78, 15.262, 79.446	84, 0.667, 81.543
75, 22.954, 78.120	87, 6.262, 263.311
73, 30.901, 76.760	90, 12.974, 264.461
70, 39.052, 75.365	
68, 47.280, 73.915	92, 12.896, 247.872
65, 55.317, 72.360	95, 12.709, 221.707
63, 62.652, 70.584	
61, 68.454, 68.368	97, 14.896, 199.464
59, 72.051, 65.906	97, 15.061, 198.503

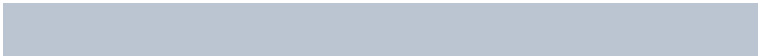
Harmonies

Complementary

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



81, 7.835, 80.711



79, 7.717, 263.676

Rectangle

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



81, 7.835, 80.711



81, 7.835, 130.711



81, 7.835, 260.711



81, 7.835, 310.711

Sweetspot

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



81, 7.836, 80.728



99, 2.471, 81.622



78, 10.183, 347.358



53, 1.878, 81.553



0, 0.000, 0.000



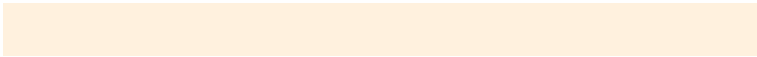
53, 0.007, 296.813

Same Dimension

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



81, 7.836, 80.728



96, 10.933, 80.453



83, 12.084, 111.176



43, 4.034, 80.920



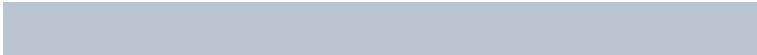
48, 61.045, 66.505



10, 15.876, 66.746

Inverse Universe

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



79, 7.717, 263.676



93, 10.723, 263.997



77, 12.392, 293.194



42, 3.984, 263.457



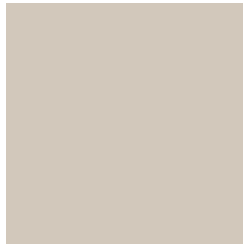
33, 59.647, 289.534



5, 17.624, 277.335

Previews

White Background



This preview shows how the CIELCh color 81, 7.835, 80.711 looks on a white background.

Color Contrast Check

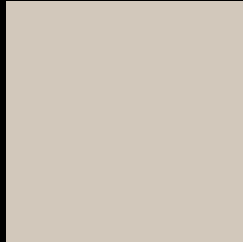
Large Text (above 18pt) WCAG AA × Fail

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, 7.835, 80.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

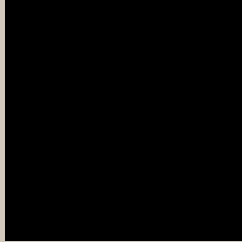
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

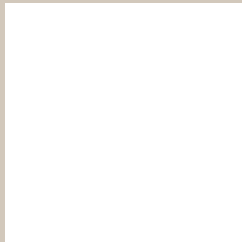
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 7.835, 80.711

Background



This preview shows how black text looks on a background with the CIELCh color 81, 7.835, 80.711.

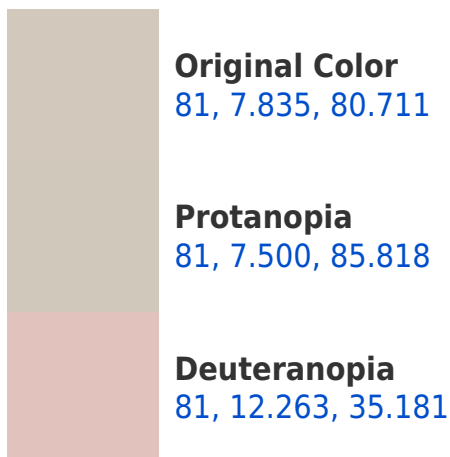


This preview shows how white text looks on a background with the CIELCh color 81, 7.835, 80.711.

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, 10.545, 326.481

Trichromacy



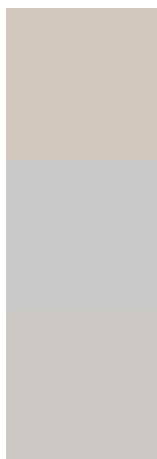
Original Color
81, 7.835, 80.711

Protanomaly
81, 7.660, 83.210

Deuteranomaly
81, 9.718, 45.709

Tritanomaly
81, 6.390, 349.977

Monochromacy



Original Color
81, 7.835, 80.711

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.854, 87.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 7.835, 80.711 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(210, 200, 187)` looks like.

```
.text, #text, p{  
    color:rgb(210, 200, 187)  
}
```

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(210, 200, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 200, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 7.835, 80.711 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(210, 200, 187) }
```

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

```
.border{ border-color:rgb(210, 200, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 200, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 200, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 200, 187);  
box-shadow:4px 4px 4px 4px rgb(210, 200,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 7.835, 80.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 200, 187) }
```

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

```
.background{ background-color: rgb(210,  
200, 187) }
```

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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