

Converting Colors

CIELCh(81, 8.283, 88.726)

Have a look what the booklet for
CIELCh(81, 8.283, 88.726) contains.

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Color

CIELCh(81, 7.990, 87.265)

Conversions

Conversions Part 1

Format	Color
Hex	D0C8BA
RGB	208, 200, 186
RGB Percent	82%, 78%, 73%
CMY	0.1831, 0.2144, 0.2693
CMYK	0.00, 0.04, 0.11, 0.18
HSL	38°, 19%, 77%
HSV	38°, 11%, 82%
XYZ	55.7272, 58.4711, 54.9787
YIQ	200.7960, 9.2620, -2.6580

Conversions

Conversions Part 2

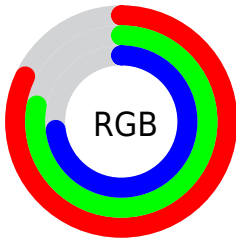
Format	Color
R _Y B	199, 208, 186
Decimal	13682874
CIE Lab	81.00, 0.38, 7.98
CIE LCh	81, 7.990, 87.265
Yxy	58.4711, 0.3294, 0.3456
Android (android.graphics.Color)	4291872954 (0xFFD0C8BA)
YUV	200.7960, -7.2944, 6.3179
Hunter-Lab	76.4664, -3.7289, 10.8975

Details

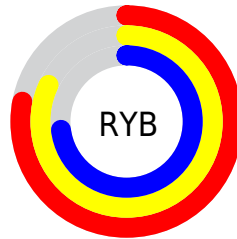
The CIELCh color $81, 7.990, 87.265$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 7.955, 270.080$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 6.580, 109.674$, and $61, 7.967, 85.409$ is the 20% darker color. If you saturate the color by 10%, you get $79, 15.761, 85.997$, and if you desaturate by 10%, it is $83, 0.413, 87.914$.

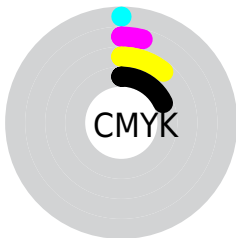
Distribution



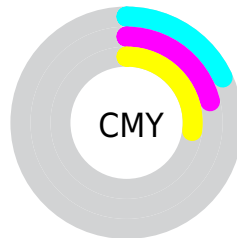
- Red (82%)
- Green (78%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 7.990, 87.265 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, 7.990, 87.265 by changing the saturation by 10% instead.

 81, 7.990, 87.265	 81, 7.990, 87.265
 100, 7.990, 87.265	 71, 7.990, 87.265
	 61, 7.990, 87.265
	 51, 7.990, 87.265
	 41, 7.990, 87.265
	 31, 7.990, 87.265
	 21, 7.990, 87.265
	 11, 7.990, 87.265
	 1, 7.990, 87.265
	 0, 7.990, 87.265

 81, 7.990, 87.265	 81, 7.990, 87.265
 79, 15.761, 85.997	 83, 0.413, 87.914
 76, 23.716, 84.662	 86, 6.981, 269.818
 74, 31.826, 83.285	 88, 14.200, 270.957
 72, 40.018, 81.865	
 70, 48.135, 80.387	 91, 14.472, 260.481
 67, 55.878, 78.809	 93, 12.990, 241.095
 65, 62.715, 77.045	
 63, 67.855, 74.928	 94, 13.190, 219.934
 62, 70.856, 72.527	 96, 14.969, 201.810
	 97, 15.526, 198.473

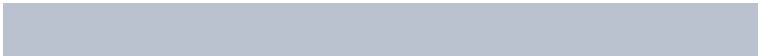
Harmonies

Complementary

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



81, 7.990, 87.265



78, 7.955, 270.080

Rectangle

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



81, 7.990, 87.265



81, 7.990, 137.265



81, 7.990, 267.265



81, 7.990, 317.265

Sweetspot

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



81, 7.991, 87.281



99, 2.642, 88.145



78, 9.274, 352.444



53, 2.006, 88.069



0, 0.000, 0.000



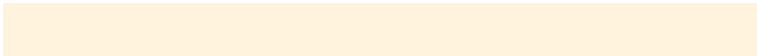
53, 0.007, 296.813

Same Dimension

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



81, 7.991, 87.281



96, 11.628, 86.955



83, 11.634, 114.605



43, 4.298, 87.423



51, 60.442, 73.036



11, 16.440, 75.247

Inverse Universe

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



78, 7.955, 270.080



92, 11.551, 270.455



76, 11.914, 296.270



41, 4.283, 269.919



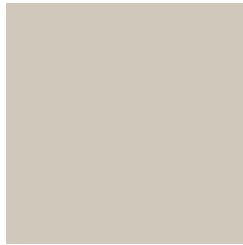
30, 67.709, 294.555



4, 19.109, 281.647

Previews

White Background



This preview shows how the CIELCh color 81, 7.990, 87.265 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, 7.990, 87.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

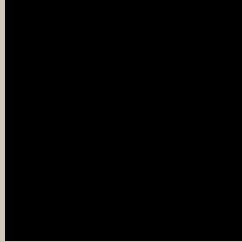
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

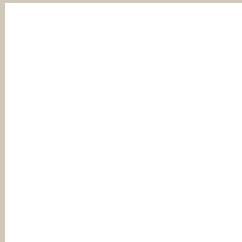
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 7.990, 87.265

Background



This preview shows how black text looks on a background with the CIELCh color 81, 7.990, 87.265.

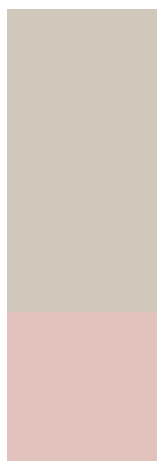


This preview shows how white text looks on a background with the CIELCh color 81, 7.990, 87.265.

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



Original Color


81, 7.990, 87.265

Protanopia

81, 7.990, 87.265

Deuteranopia

81, 12.642, 34.750



Tritanopia
81, 9.688, 324.801

Trichromacy



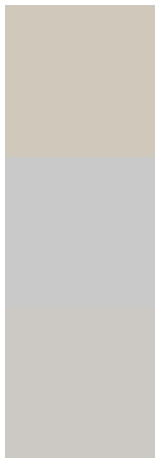
Original Color
81, 7.990, 87.265

Protanomaly
81, 7.990, 87.265

Deuteranomaly
81, 10.321, 47.369

Tritanomaly
81, 5.483, 350.841

Monochromacy



Original Color
81, 7.990, 87.265

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, 7.990, 87.265 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(208, 200, 186)` looks like.

```
.text, #text, p{  
    color:rgb(208, 200, 186)  
}
```

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(208, 200, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 200, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 7.990, 87.265 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(208, 200, 186) }
```

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

```
.border{ border-color:rgb(208, 200, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 200, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 200, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 200, 186);  
box-shadow:4px 4px 4px 4px rgb(208, 200,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 7.990, 87.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 200, 186) }
```

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

```
.background{ background-color: rgb(208,  
200, 186) }
```

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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