

Converting Colors

CIELCh(81, 8.972, 83.840)

Have a look what the booklet for
CIELCh(81, 8.972, 83.840) contains.

CIELCh(81, 8.785, 83.876)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(81, 8.785, 83.876)

Conversions

Conversions Part 1

Format	Color
Hex	D2C8B9
RGB	210, 200, 185
RGB Percent	82%, 78%, 73%
CMY	0.1767, 0.2159, 0.2747
CMYK	0.00, 0.05, 0.12, 0.18
HSL	36°, 22%, 77%
HSV	36°, 12%, 82%
XYZ	55.9496, 58.4711, 54.2015
YIQ	201.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

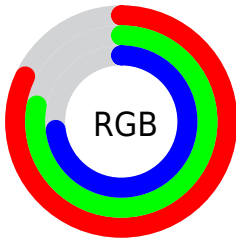
Format	Color
R_{YB}	202, 210, 185
Decimal	13813945
CIE _{Lab}	81.00, 0.94, 8.73
CIE _{LCh}	81, 8.785, 83.876
Yxy	58.4711, 0.3318, 0.3468
Android (android.graphics.Color)	4292004025 (0xFFD2C8B9)
YUV	201.2800, -8.0260, 7.6474
Hunter-Lab	76.4664, -3.2098, 11.5001

Details

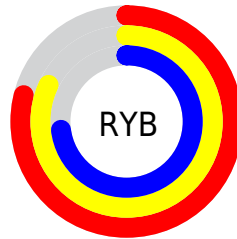
The CIELCh color $81, 8.785, 83.876$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 8.688, 267.088$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 7.086, 109.637$, and $61, 8.651, 84.333$ is the 20% darker color. If you saturate the color by 10%, you get $78, 16.419, 82.594$, and if you desaturate by 10%, it is $84, 1.379, 84.979$.

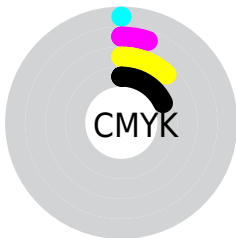
Distribution



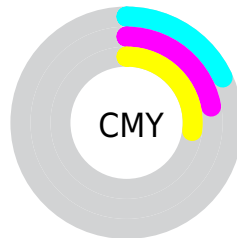
- Red (82%)
- Green (78%)
- Blue (73%)



- Red (79%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.785, 83.876 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, 8.785, 83.876 by changing the saturation by 10% instead.

■ 81, 8.785, 83.876

■ 81, 8.785, 83.876

■ 100, 8.785, 83.876

■ 71, 8.785, 83.876

■ 61, 8.785, 83.876

■ 51, 8.785, 83.876

■ 41, 8.785, 83.876

■ 31, 8.785, 83.876

■ 21, 8.785, 83.876

■ 11, 8.785, 83.876

■ 1, 8.785, 83.876

■ 0, 8.785, 83.876

81, 8.785, 83.876

81, 8.785, 83.876

78, 16.419, 82.594

84, 1.379, 84.979

76, 24.278, 81.250

86, 5.813, 266.476

73, 32.338, 79.867

89, 12.807,
267.626

71, 40.530, 78.442

91, 13.427,
255.339

69, 48.702, 76.955

66, 56.545, 75.354

94, 12.437,
231.840

64, 63.501, 73.528

96, 13.598,
208.868

62, 68.730, 71.271

60, 71.547, 69.094

97, 15.019,
198.505

Harmonies

Complementary

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



81, 8.785, 83.876



78, 8.688, 267.088

Rectangle

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



81, 8.785, 83.876



81, 8.785, 133.876



81, 8.785, 263.876



81, 8.785, 313.876

Sweetspot

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



81, 8.786, 83.891



99, 3.409, 84.827



77, 10.748, 350.469



52, 2.427, 84.747



0, 0.000, 0.000



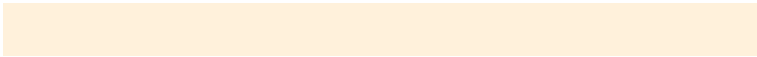
53, 0.007, 296.813

Same Dimension

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



81, 8.786, 83.891



96, 12.139, 83.604



83, 13.163, 113.143



43, 4.156, 84.204



49, 60.635, 69.662



10, 16.105, 70.973

Inverse Universe

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



78, 8.688, 267.088



92, 11.968, 267.424



76, 13.522, 295.152



42, 4.124, 266.731



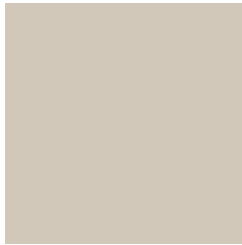
32, 63.567, 292.138



5, 18.362, 279.602

Previews

White Background



This preview shows how the CIELCh color 81, 8.785, 83.876 looks on a white background.

Color Contrast Check

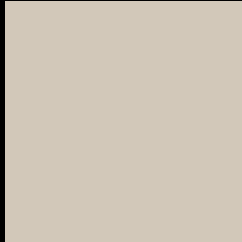
Large Text (above 18pt) WCAG AA × Fail

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, 8.785, 83.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

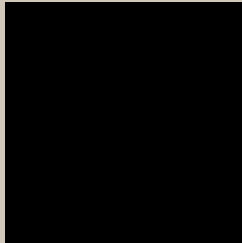
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

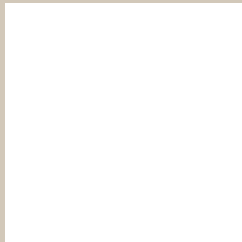
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 8.785, 83.876

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.785, 83.876.

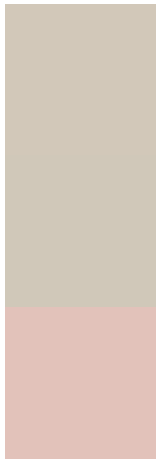


This preview shows how white text looks on a background with the CIELCh color 81, 8.785, 83.876.

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, 8.785, 83.876

Protanopia

81, 8.485, 88.538

Deuteranopia

81, 13.000, 39.168



Tritanopia
81, 10.350, 329.868

Trichromacy



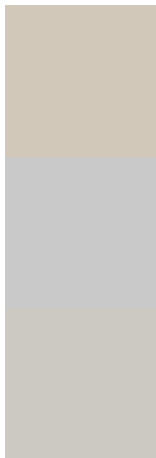
Original Color
81, 8.785, 83.876

Protanomaly
81, 8.628, 86.168

Deuteranomaly
81, 10.593, 49.837

Tritanomaly
81, 6.483, 355.727

Monochromacy



Original Color
81, 8.785, 83.876

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.350, 90.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.785, 83.876 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(210, 200, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 200, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.785, 83.876 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, 185) }
```

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

```
.border{ border-color:rgb(210, 200, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 200, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 200, 185);  
box-shadow:4px 4px 4px 4px rgb(210, 200,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.785, 83.876 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, 185) }
```

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

```
.background{ background-color: rgb(210,  
200, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor