

Converting Colors

CIELCh(81, 9.478, 90.674)

Have a look what the booklet for
CIELCh(81, 9.478, 90.674) contains.

CIELCh(81, 9.478, 90.674)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 9.478, 90.674)

Conversions

Conversions Part 1

Format	Color
Hex	D1C9B8
RGB	209, 201, 184
RGB Percent	82%, 79%, 72%
CMY	0.1823, 0.2137, 0.2803
CMYK	0.00, 0.04, 0.12, 0.18
HSL	41°, 21%, 77%
HSV	41°, 12%, 82%
XYZ	55.5306, 58.4711, 53.4434
YIQ	201.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

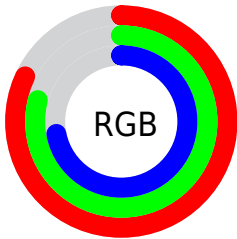
Format	Color
R _Y B	196, 209, 184
Decimal	13748664
CIE Lab	81.00, -0.11, 9.48
CIE LCh	81, 9.478, 90.674
Yxy	58.4711, 0.3316, 0.3492
Android (android.graphics.Color)	4291938744 (0xFFD1C9B8)
YUV	201.4540, -8.6048, 6.6178
Hunter-Lab	76.4664, -4.1879, 12.0879

Details

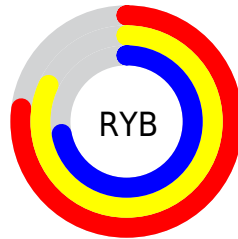
The CIELCh color **81, 9.478, 90.674** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 9.483, 273.799**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 7.593, 109.599**, and **61, 9.395, 91.557** is the 20% darker color. If you saturate the color by 10%, you get **79, 17.565, 89.415**, and if you desaturate by 10%, it is **83, 1.546, 91.797**.

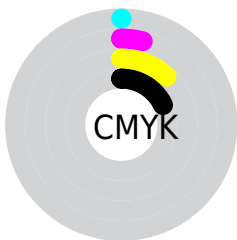
Distribution



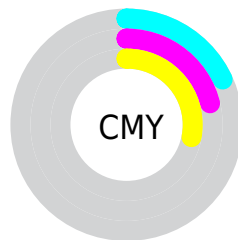
- Red (82%)
- Green (79%)
- Blue (72%)



- Red (77%)
- Yellow (82%)
- Blue (72%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (18%)

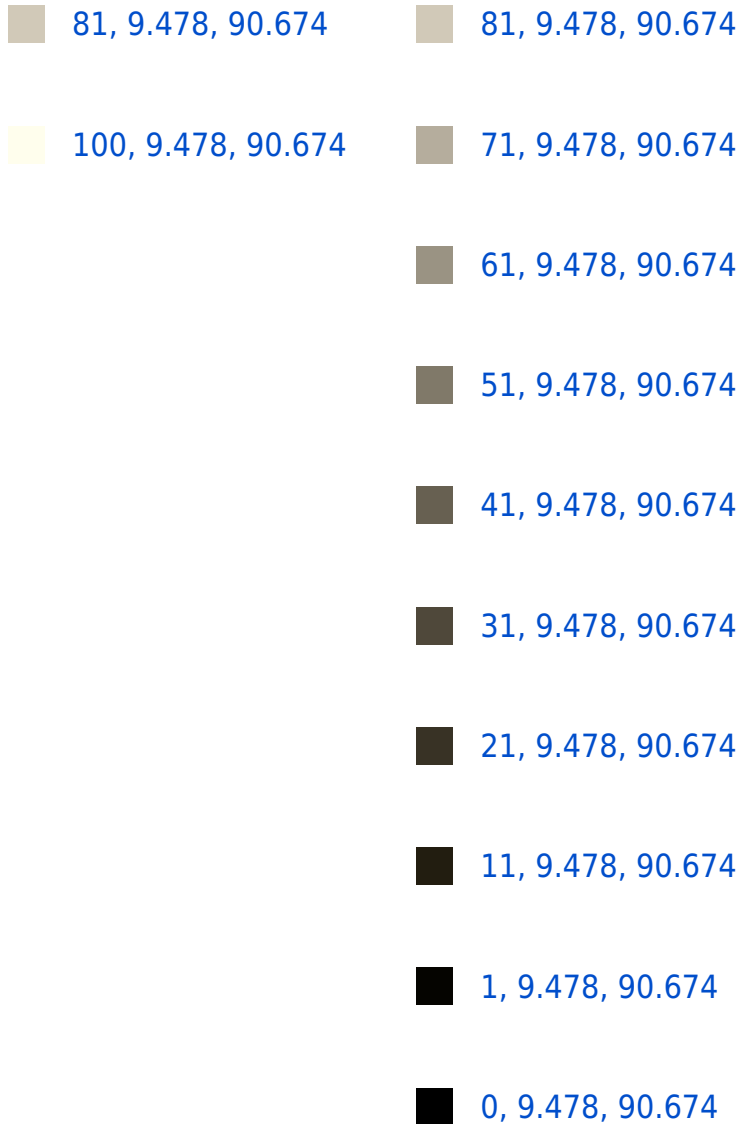





















- Cyan (18%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 9.478, 90.674 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, 9.478, 90.674 by changing the saturation by 10% instead.



 81, 9.478, 90.674	 81, 9.478, 90.674
 79, 17.565, 89.415	 83, 1.546, 91.797
 77, 25.786, 88.095	 85, 6.231, 273.182
 75, 34.095, 86.734	 88, 13.857, 274.302
 73, 42.390, 85.331	
 71, 50.480, 83.873	 90, 15.571, 267.919
 69, 58.011, 82.321	 91, 13.613, 252.873
 67, 64.399, 80.599	 93, 12.816, 234.652
 65, 68.853, 78.563	
 64, 70.971, 76.675	 95, 13.364, 216.218
	 97, 15.084, 200.725

■ 97, 15.467,
198.476

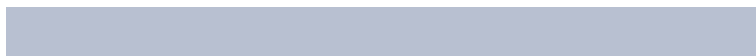
Harmonies

Complementary

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



81, 9.478, 90.674



77, 9.483, 273.799

Rectangle

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



81, 9.478, 90.674



81, 9.478, 140.674



81, 9.478, 270.674



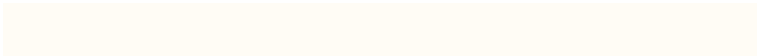
81, 9.478, 320.674

Sweetspot

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



81, 9.479, 90.687



99, 3.689, 91.624



77, 10.365, 354.792



53, 2.625, 91.543



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, 9.479, 90.687



96, 13.069, 90.415



83, 13.243, 115.845



43, 4.486, 91.003



52, 60.540, 77.126



11, 16.966, 80.113

Inverse Universe

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



77, 9.483, 273.799



91, 13.067, 274.115



76, 13.594, 297.631



41, 4.491, 273.441



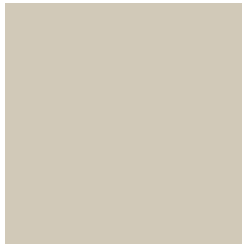
28, 72.664, 297.088



4, 19.963, 283.733

Previews

White Background



This preview shows how the CIELCh color 81, 9.478, 90.674 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, 9.478, 90.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

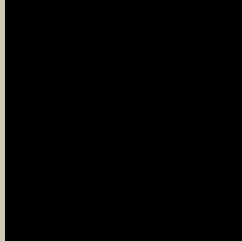
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

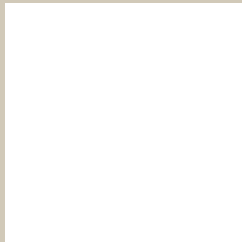
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 9.478, 90.674

Background



This preview shows how black text looks on a background with the CIELCh color 81, 9.478, 90.674.

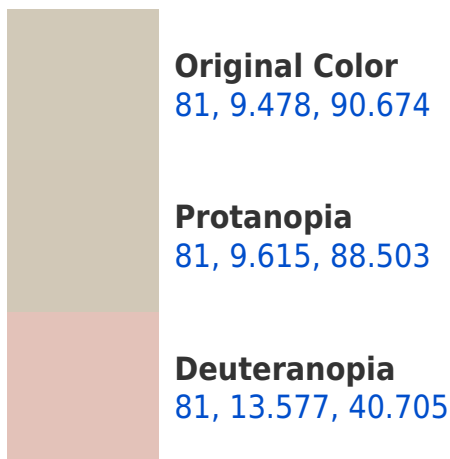


This preview shows how white text looks on a background with the CIELCh color 81, 9.478, 90.674.

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, 10.337, 324.829

Trichromacy



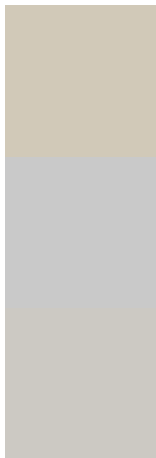
Original Color
81, 9.478, 90.674

Protanomaly
81, 9.615, 88.503

Deuteranomaly
81, 11.195, 54.382

Tritanomaly
81, 5.250, 355.908

Monochromacy



Original Color
81, 9.478, 90.674

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, 9.478, 90.674 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(209, 201, 184)` looks like.

```
.text, #text, p{  
    color:rgb(209, 201, 184)  
}
```

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(209, 201, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 201, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 9.478, 90.674 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(209, 201, 184) }
```

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

```
.border{ border-color:rgb(209, 201, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 201, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 201, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 201, 184);  
box-shadow:4px 4px 4px 4px rgb(209, 201,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 9.478, 90.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 201, 184) }
```

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

```
.background{ background-color: rgb(209,  
201, 184) }
```

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