

Converting Colors

CIELCh(82, 7.884, 98.130)

Have a look what the booklet for
CIELCh(82, 7.884, 98.130) contains.

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Color

CIELCh(82, 8.046, 98.703)

Conversions

Conversions Part 1

Format	Color
Hex	D0CCBD
RGB	208, 204, 189
RGB Percent	82%, 80%, 74%
CMY	0.1841, 0.1998, 0.2586
CMYK	0.00, 0.02, 0.09, 0.18
HSL	47°, 17%, 78%
HSV	47°, 9%, 82%
XYZ	56.8175, 60.2982, 56.8128
YIQ	203.4860, 7.1990, -3.8170

Conversions

Conversions Part 2

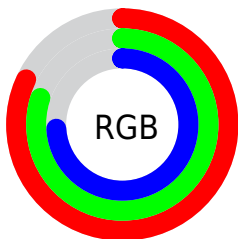
Format	Color
RYB	194, 208, 189
Decimal	13683901
CIELab	82.00, -1.22, 7.95
CIELCh	82, 8.046, 98.703
Yxy	60.2982, 0.3267, 0.3467
Android (android.graphics.Color)	4291873981 (0xFFD0CCBD)
YUV	203.4860, -7.1416, 3.9588
Hunter-Lab	77.6519, -5.2833, 10.9777

Details

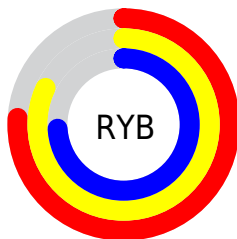
The CIELCh color **82, 8.046, 98.703** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 8.132, 280.892**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **62, 7.973, 97.699** is the 20% darker color. If you saturate the color by 10%, you get **80, 16.939, 97.553**, and if you desaturate by 10%, it is **84, 0.771, 280.091**.

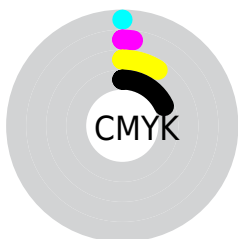
Distribution



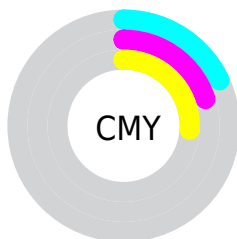
- Red (82%)
- Green (80%)
- Blue (74%)



- Red (76%)
- Yellow (82%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 8.046, 98.703 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 82, 8.046, 98.703 by changing the saturation by 10% instead.

 82, 8.046, 98.703	 82, 8.046, 98.703
 100, 8.046, 98.703	 72, 8.046, 98.703
	 62, 8.046, 98.703
	 52, 8.046, 98.703
	 42, 8.046, 98.703
	 32, 8.046, 98.703
	 22, 8.046, 98.703
	 12, 8.046, 98.703
	 2, 8.046, 98.703
	 0, 8.046, 98.703

 82, 8.046, 98.703	 82, 8.046, 98.703
 80, 16.939, 97.553	 84, 0.771, 280.091
 79, 25.867, 96.349	 85, 9.501, 280.985
 77, 34.765, 95.118	 87, 18.134, 282.023
 76, 43.515, 93.866	
 75, 51.905, 92.596	 88, 17.907, 277.165
 73, 59.586, 91.304	 89, 16.096, 269.823
 72, 66.019, 89.968	
 71, 70.513, 88.539	 91, 14.606, 260.869
 70, 72.751, 86.961	 92, 13.539, 250.273
	 93, 12.992, 238.409

■ 94, 13.022,
226.129

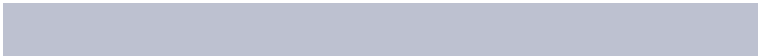
Harmonies

Complementary

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



82, 8.046, 98.703



78, 8.132, 280.892

Rectangle

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



82, 8.046, 98.703



82, 8.046, 148.703



82, 8.046, 278.703



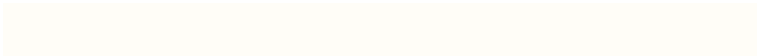
82, 8.046, 328.703

Sweetspot

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



82, 8.048, 98.716



99, 3.102, 99.372



78, 7.429, 2.778



53, 2.354, 99.293



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 8.048, 98.716



98, 11.447, 98.488



83, 10.219, 120.645



43, 5.021, 98.685



57, 62.357, 87.098



13, 18.775, 90.732

Inverse Universe

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



78, 8.132, 280.892



92, 11.585, 281.149



78, 10.410, 301.726



41, 5.075, 280.927



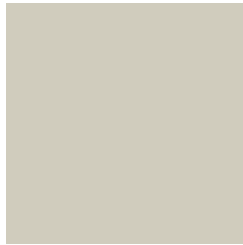
24, 84.246, 301.906



3, 21.879, 287.656

Previews

White Background



This preview shows how the CIELCh color 82, 8.046, 98.703 looks on a white background.

Color Contrast Check

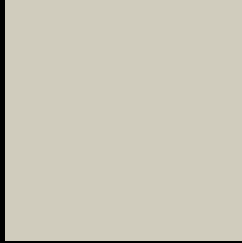
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 8.046, 98.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

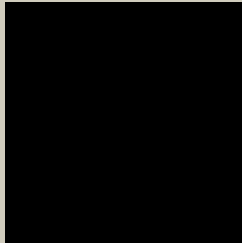
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

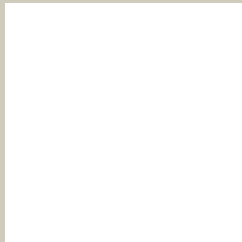
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 8.046, 98.703

Background



This preview shows how black text looks on a background with the CIELCh color 82, 8.046, 98.703.



This preview shows how white text looks on a background with the CIELCh color 82, 8.046, 98.703.

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


82, 8.046, 98.703

Protanopia

82, 7.967, 87.283

Deuteranopia

82, 12.394, 37.485



Tritanopia
82, 9.565, 317.588

Trichromacy



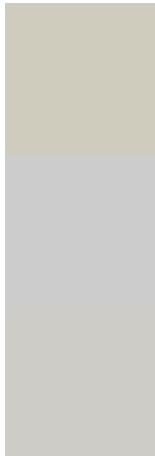
Original Color
82, 8.046, 98.703

Protanomaly
82, 7.833, 89.854

Deuteranomaly
82, 9.557, 53.274

Tritanomaly
82, 4.536, 343.945

Monochromacy



Original Color
82, 8.046, 98.703

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 2.656, 101.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 8.046, 98.703 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, 204, 189)` looks like.

```
.text, #text, p{  
    color:rgb(208, 204, 189)  
}
```

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, 204, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 204, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 8.046, 98.703 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, 204, 189) }
```

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

```
.border{ border-color:rgb(208, 204, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 204, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 204, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 204, 189);  
box-shadow:4px 4px 4px 4px rgb(208, 204,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 8.046, 98.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 204, 189) }
```

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

```
.background{ background-color: rgb(208,  
204, 189) }
```

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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