

Converting Colors

CIELCh(82, 4.014, 98.279)

Have a look what the booklet for
CIELCh(82, 4.014, 98.279) contains.

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Color

CIELCh(82, 4.277, 99.822)

Conversions

Conversions Part 1

Format	Color
Hex	CECCCC
RGB	206, 204, 196
RGB Percent	81%, 80%, 77%
CMY	0.1921, 0.2000, 0.2313
CMYK	0.00, 0.01, 0.05, 0.19
HSL	48°, 9%, 79%
HSV	48°, 5%, 81%
XYZ	57.0152, 60.2982, 60.8634
YIQ	203.6860, 3.7600, -2.0640

Conversions

Conversions Part 2

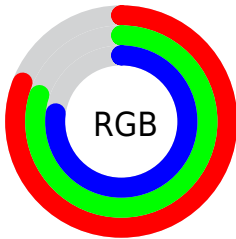
Format	Color
R_{YB}	199, 206, 196
Decimal	13552836
CIE _{Lab}	82.00, -0.73, 4.21
CIE _{LCh}	82, 4.277, 99.822
Yxy	60.2982, 0.3200, 0.3384
Android (android.graphics.Color)	4291742916 (0xFFCECCC4)
YUV	203.6860, -3.7892, 2.0294
Hunter-Lab	77.6519, -4.8289, 7.8850

Details

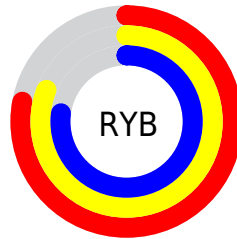
The CIELCh color **82, 4.277, 99.822** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 4.317, 281.020**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **62, 4.531, 99.653** is the 20% darker color. If you saturate the color by 10%, you get **80, 13.166, 98.723**, and if you desaturate by 10%, it is **84, 4.535, 281.026**.

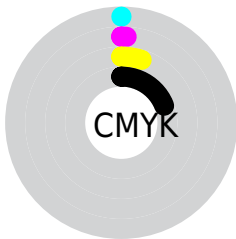
Distribution



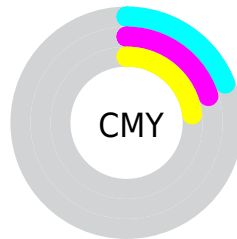
- Red (81%)
- Green (80%)
- Blue (77%)



- Red (78%)
- Yellow (81%)
- Blue (77%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 4.277, 99.822 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, 4.277, 99.822 by changing the saturation by 10% instead.



82, 4.277, 99.822

82, 4.277, 99.822

80, 13.166, 98.723

84, 4.535, 281.026

79, 22.100, 97.546

85, 13.262,
282.068

78, 31.026, 96.340

87, 20.448,
282.271

76, 39.849, 95.113

75, 48.402, 93.871

88, 18.538,
276.765

74, 56.399, 92.615

89, 16.834,
270.117

72, 63.388, 91.336

71, 68.736, 90.004

90, 15.401,
262.158

70, 71.797, 88.559

91, 14.314,
252.841

92, 13.652,
242.377

■ 93, 13.471,
231.305

Harmonies

Complementary

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



82, 4.277, 99.822



80, 4.317, 281.020

Rectangle

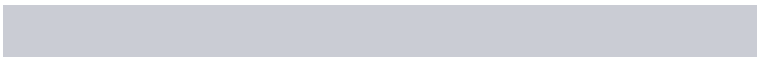
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 4.277, 99.822



82, 4.277, 149.822



82, 4.277, 279.822



82, 4.277, 329.822

Sweetspot

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



82, 4.279, 99.845



100, 1.038, 100.132



80, 3.850, 3.555



53, 0.590, 100.128



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, 4.279, 99.845



99, 6.295, 99.715



82, 5.397, 121.538



43, 3.477, 99.660



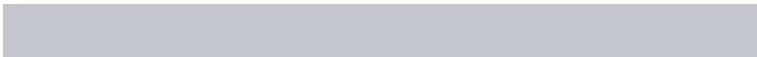
57, 61.952, 88.044



12, 17.530, 92.010

Inverse Universe

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



80, 4.317, 281.020



96, 6.354, 281.160



80, 5.463, 302.071



41, 3.511, 281.218



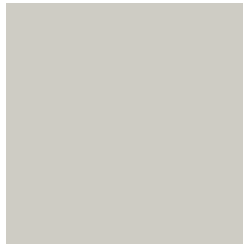
23, 84.217, 302.239



3, 20.307, 286.969

Previews

White Background



This preview shows how the CIELCh color 82, 4.277, 99.822 looks on a white background.

Color Contrast Check

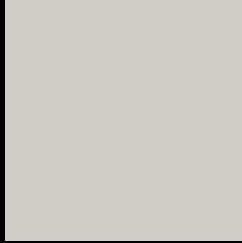
Large Text (above 18pt) WCAG AA × Fail

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, 4.277, 99.822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

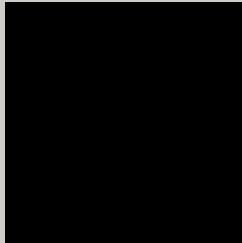
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

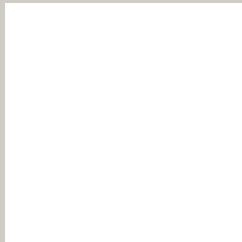
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 4.277, 99.822

Background



This preview shows how black text looks on a background with the CIELCh color 82, 4.277, 99.822.

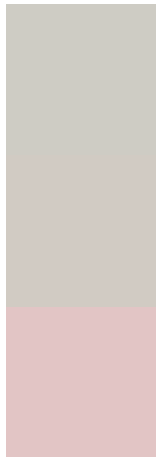


This preview shows how white text looks on a background with the CIELCh color 82, 4.277, 99.822.

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, 4.277, 99.822

Protanopia

82, 4.760, 81.829

Deuteranopia

82, 10.892, 20.206



Tritanopia
82, 8.996, 309.381

Trichromacy



Original Color
82, 4.277, 99.822

Protanomaly
82, 4.599, 85.960

Deuteranomaly
82, 7.270, 32.408

Tritanomaly
82, 4.329, 320.593

Monochromacy



Original Color
82, 4.277, 99.822

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.615, 96.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 4.277, 99.822 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(206, 204, 196)` looks like.

```
.text, #text, p{  
    color:rgb(206, 204, 196)  
}
```

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(206, 204, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 204, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 4.277, 99.822 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(206, 204, 196) }
```

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

```
.border{ border-color:rgb(206, 204, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 204, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 204, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 204, 196);  
box-shadow:4px 4px 4px 4px rgb(206, 204,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 4.277, 99.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 204, 196) }
```

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

```
.background{ background-color: rgb(206,  
204, 196) }
```

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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