

Converting Colors

CIE LCh(82, 1.283, 268.383)

Have a look what the booklet for
CIELCh(82, 1.283, 268.383) contains.

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Color

CIELCh(82, 1.123, 271.521)

Conversions

Conversions Part 1

Format	Color
Hex	CBCCE
RGB	203, 204, 206
RGB Percent	80%, 80%, 81%
CMY	0.2042, 0.2002, 0.1924
CMYK	0.01, 0.01, 0.00, 0.19
HSL	220°, 3%, 80%
HSV	220°, 1%, 81%
XYZ	57.3238, 60.2982, 66.9718
YIQ	203.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

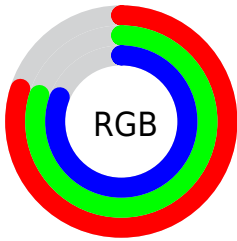
Format	Color
RYP	203, 204, 206
Decimal	13356238
CIELab	82.00, 0.03, -1.12
CIELCh	82, 1.123, 271.521
Yxy	60.2982, 0.3105, 0.3267
Android (android.graphics.Color)	4291546318 (0xFFC8CCCE)
YUV	203.9290, 1.0210, -0.8147
Hunter-Lab	77.6519, -4.1196, 3.2210

Details

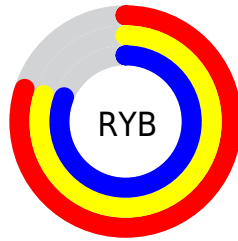
The CIELCh color **82, 1.123, 271.521** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 1.104, 90.631**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **62, 1.186, 271.527** is the 20% darker color. If you saturate the color by 10%, you get **77, 8.827, 272.577**, and if you desaturate by 10%, it is **87, 6.462, 90.017**.

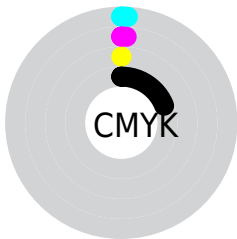
Distribution



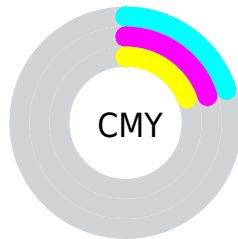
- Red (80%)
- Green (80%)
- Blue (81%)



- Red (80%)
- Yellow (80%)
- Blue (81%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 1.123, 271.521 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, 1.123, 271.521 by changing the saturation by 10% instead.

■ 82, 1.123, 271.521

■ 82, 1.123, 271.521

100, 1.123,
271.521

■ 72, 1.123, 271.521

■ 62, 1.123, 271.521

■ 52, 1.123, 271.521

■ 42, 1.123, 271.521

■ 32, 1.123, 271.521

■ 22, 1.123, 271.521

■ 12, 1.123, 271.521

■ 2, 1.123, 271.521

■ 0, 1.123, 271.521

■ 82, 1.123, 271.521

■ 82, 1.123, 271.521

■ 77, 8.827, 272.577

■ 87, 6.462, 90.017

■ 72, 16.654,
274.125

■ 92, 13.922, 89.035

■ 67, 24.607,
275.945

■ 96, 20.250, 97.999

■ 99, 24.763,
108.299

■ 62, 32.696,
278.078

■ 57, 40.944,
280.563

■ 52, 49.382,
283.423

■ 47, 58.047,
286.648

■ 43, 66.952,
290.164

■ 39,76.026,
293.817

Harmonies

Complementary

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



82, 1.123, 271.521



82, 1.104, 90.631

Rectangle

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



82, 1.123, 271.521



82, 1.123, 321.521



82, 1.123, 91.521



82, 1.123, 141.521

Sweetspot

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



82, 1.122, 271.430

100, 0.012, 296.813



82, 1.224, 172.844



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



82, 1.122, 271.430



99, 1.828, 271.439



82, 1.610, 296.170



43, 0.865, 271.433



28, 70.122, 296.234



4, 18.176, 281.972

Inverse Universe

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



82, 1.228, 353.359



99, 2.004, 353.519



83, 1.586, 115.947



43, 0.948, 353.484



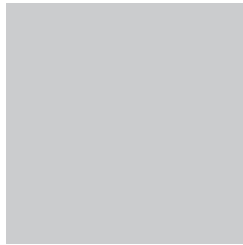
35, 62.451, 17.434



4, 18.709, 3.133

Previews

White Background



This preview shows how the CIELCh color 82, 1.123, 271.521 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, 1.123, 271.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

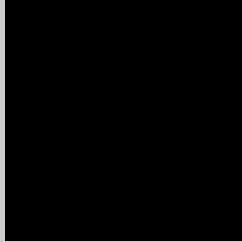
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

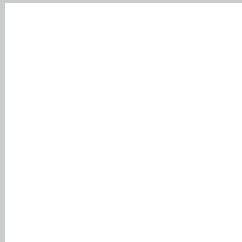
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 1.123, 271.521

Background



This preview shows how black text looks on a background with the CIELCh color 82, 1.123, 271.521.

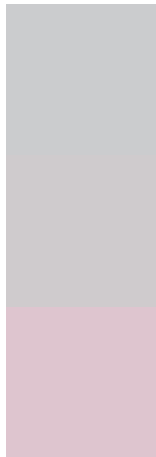


This preview shows how white text looks on a background with the CIELCh color 82, 1.123, 271.521.

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, 1.123, 271.521

Protanopia

82, 1.818, 343.579

Deuteranopia

82, 10.627, 350.407



Tritanopia
82, 8.574, 298.038

Trichromacy



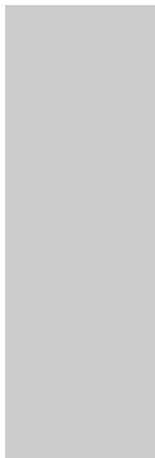
Original Color
82, 1.123, 271.521

Protanomaly
82, 1.538, 335.535

Deuteranomaly
82, 6.649, 346.015

Tritanomaly
82, 5.853, 294.191

Monochromacy



Original Color
82, 1.123, 271.521

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 0.539, 290.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 1.123, 271.521 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(203, 204, 206)` looks like.

```
.text, #text, p{  
    color:rgb(203, 204, 206)  
}
```

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(203, 204, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 1.123, 271.521 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(203, 204, 206) }
```

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

```
.border{ border-color:rgb(203, 204, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 204, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 204, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 204, 206);  
box-shadow:4px 4px 4px 4px rgb(203, 204,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 1.123, 271.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 206) }
```

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

```
.background{ background-color: rgb(203,  
204, 206) }
```

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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