

Converting Colors

CIELCh(82, 8.839, 118.736)

Have a look what the booklet for
CIELCh(82, 8.839, 118.736) contains.

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Color

CIE LCh(82, 9.101, 118.830)

Conversions

Conversions Part 1

Format	Color
Hex	CACEBD
RGB	202, 206, 189
RGB Percent	79%, 81%, 74%
CMY	0.2083, 0.1926, 0.2593
CMYK	0.02, 0.00, 0.08, 0.19
HSL	74°, 15%, 77%
HSV	74°, 8%, 81%
XYZ	55.5438, 60.2982, 56.7920
YIQ	202.8660, 3.0730, -6.1350

Conversions

Conversions Part 2

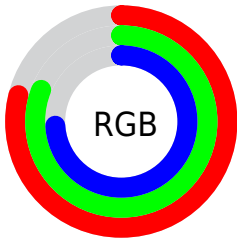
Format	Color
RYB	189, 206, 193
Decimal	13291197
CIELab	82.00, -4.39, 7.97
CIElCh	82, 9.101, 118.830
Yxy	60.2982, 0.3217, 0.3493
Android (android.graphics.Color)	4291481277 (0xFFCACEBD)
YUV	202.8660, -6.8359, -0.7595
Hunter-Lab	77.6519, -8.2112, 10.9936

Details

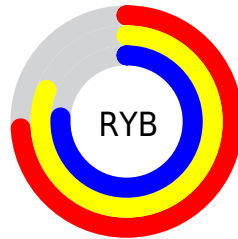
The CIELCh color **82, 9.101, 118.830** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 9.267, 299.898**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **62, 9.079, 119.276** is the 20% darker color. If you saturate the color by 10%, you get **81, 20.097, 118.189**, and if you desaturate by 10%, it is **83, 1.934, 299.450**.

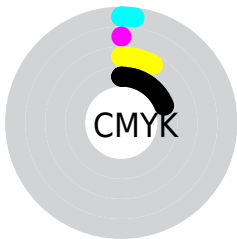
Distribution



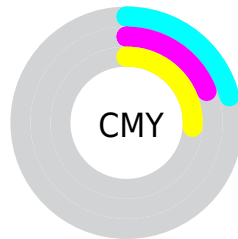
- Red (79%)
- Green (81%)
- Blue (74%)



- Red (74%)
- Yellow (81%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 9.101, 118.830 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, 9.101, 118.830 by changing the saturation by 10% instead.

 82, 9.101, 118.830

 82, 9.101, 118.830

 100, 9.101,
118.830

 72, 9.101, 118.830

 62, 9.101, 118.830

 52, 9.101, 118.830

 42, 9.101, 118.830

 32, 9.101, 118.830

 22, 9.101, 118.830

 12, 9.101, 118.830

 2, 9.101, 118.830

 0, 9.101, 118.830

82, 9.101, 118.830

82, 9.101, 118.830

81, 20.097,
118.189

83, 1.934, 299.450

80, 30.970,
117.538

84, 12.960,
300.064

80, 41.611,
116.907

85, 23.938,
300.635

79, 51.847,
116.328

85, 26.467,
303.509

79, 61.424,
115.852

86, 26.832,
306.961

78, 69.974,
115.548

86, 27.288,
310.343

78, 77.021,
115.510

87, 27.834,
313.634

77, 82.077,
115.836

87, 28.466,
316.818

■ 77, 85.013,
116.566

■ 87, 29.179,
319.883

Harmonies

Complementary

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



82, 9.101, 118.830



77, 9.267, 299.898

Rectangle

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



82, 9.101, 118.830



82, 9.101, 168.830



82, 9.101, 298.830



82, 9.101, 348.830

Sweetspot

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



82, 9.103, 118.837



100, 2.615, 119.241



79, 5.317, 43.019



53, 1.486, 119.247



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, 9.103, 118.837



99, 13.113, 118.717



81, 10.149, 136.440



43, 6.206, 118.764



63, 72.649, 116.516



14, 22.583, 118.650

Inverse Universe

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



77, 9.267, 299.898



92, 13.395, 300.031



78, 10.218, 317.108



40, 6.331, 299.978



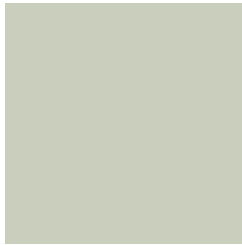
21, 94.936, 307.648



2, 23.774, 298.492

Previews

White Background



This preview shows how the CIELCh color 82, 9.101, 118.830 looks on a white background.

Color Contrast Check

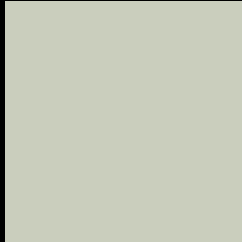
Large Text (above 18pt) WCAG AA × Fail

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 82, 9.101, 118.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

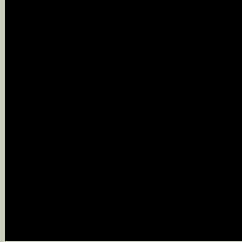
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

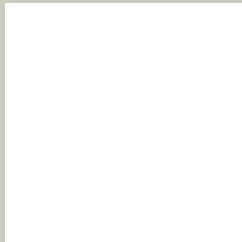
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 9.101, 118.830

Background



This preview shows how black text looks on a background with the CIELCh color 82, 9.101, 118.830.

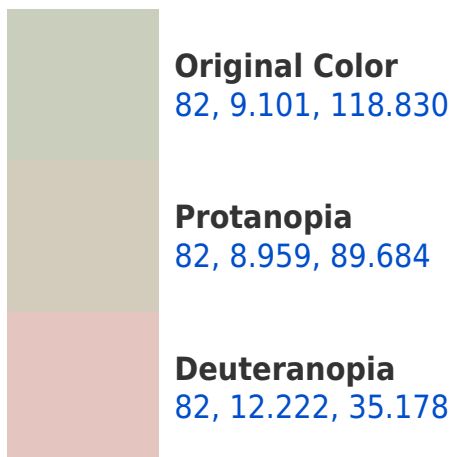



This preview shows how white text looks on a background with the CIELCh color 82, 9.101, 118.830.

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
82, 8.629, 300.376

Trichromacy



Original Color
82, 9.101, 118.830

Protanomaly
82, 8.566, 99.298

Deuteranomaly
82, 8.923, 55.973

Tritanomaly
82, 2.257, 309.098

Monochromacy



Original Color
82, 9.101, 118.830

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.190, 116.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 9.101, 118.830 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(202, 206, 189)` looks like.

```
.text, #text, p{  
    color:rgb(202, 206, 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(202, 206, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 206, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 9.101, 118.830 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(202, 206, 189) }
```

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

```
.border{ border-color:rgb(202, 206, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 206, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 206, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 206, 189);  
box-shadow:4px 4px 4px 4px rgb(202, 206,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 9.101, 118.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 206, 189) }
```

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

```
.background{ background-color: rgb(202,  
206, 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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