

Converting Colors

CIELCh(82, 11.526, 127.341)

Have a look what the booklet for
CIELCh(82, 11.526, 127.341)
contains.

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Color

CIELCh(82, 11.099, 126.866)

Conversions

Conversions Part 1

Format	Color
Hex	C6CFBB
RGB	198, 207, 187
RGB Percent	78%, 81%, 73%
CMY	0.2231, 0.1877, 0.2662
CMYK	0.04, 0.00, 0.10, 0.19
HSL	87°, 17%, 77%
HSV	87°, 10%, 81%
XYZ	54.6438, 60.2982, 55.8379
YIQ	202.0290, 1.0560, -8.1280

Conversions

Conversions Part 2

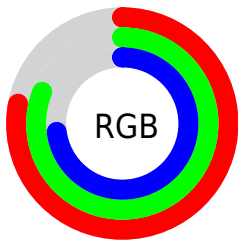
Format	Color
RYB	187, 207, 196
Decimal	13029307
CIELab	82.00, -6.66, 8.88
CIELCh	82, 11.099, 126.866
Yxy	60.2982, 0.3200, 0.3531
Android (android.graphics.Color)	4291219387 (0xFFC6CFBB)
YUV	202.0290, -7.4093, -3.5334
Hunter-Lab	77.6519, -10.2801, 11.7221

Details

The CIELCh color **82, 11.099, 126.866** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 11.272, 307.754**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **62, 11.214, 127.600** is the 20% darker color. If you saturate the color by 10%, you get **81, 22.602, 126.380**, and if you desaturate by 10%, it is **83, 0.401, 307.062**.

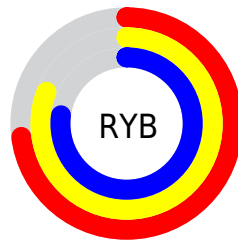
Distribution



Red (78%)

Green (81%)

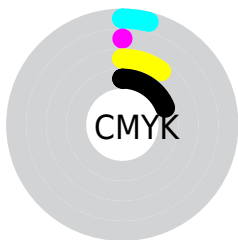
Blue (73%)



Red (73%)

Yellow (81%)

Blue (77%)

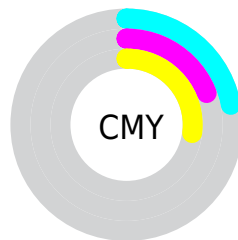


Cyan (4%)

Magenta (0%)

Yellow (10%)

Black (19%)



Cyan (22%)

Magenta (19%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 11.099, 126.866 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, 11.099, 126.866 by changing the saturation by 10% instead.


 82, 11.099,
126.866

 82, 11.099,
126.866

 100, 11.099,
126.866


 72, 11.099,
126.866


 62, 11.099,
126.866

 52, 11.099,
126.866

 42, 11.099,
126.866

 32, 11.099,
126.866

 22, 11.099,
126.866

 12, 11.099,

126.866

■ 2, 11.099, 126.866

■ 0, 11.099, 126.866

■ 82, 11.099,
126.866

■ 82, 11.099,
126.866

■ 81, 22.602,
126.380

■ 83, 0.401, 307.062

■ 80, 34.012,
125.881

■ 85, 11.843,
307.742

■ 79, 45.205,
125.395

■ 86, 23.179,
308.140

■ 78, 55.994,
124.959

■ 87, 27.013,
312.993

■ 77, 66.108,

■ 88, 28.279,
319.204

124.632

88, 29.844,
324.920

77, 75.168,
124.505

89, 30.018,
325.469

76, 82.690,
124.696

75, 88.206,
125.326

75, 91.743,
126.387

Harmonies

Complementary

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



82, 11.099, 126.866



77, 11.272, 307.754

Rectangle

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



82, 11.099, 126.866



82, 11.099, 176.866



82, 11.099, 306.866



82, 11.099, 356.866

Sweetspot

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



82, 11.101, 126.870



100, 4.070, 127.199



80, 6.314, 68.654



53, 3.087, 127.156



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, 11.101, 126.870



98, 16.333, 126.750



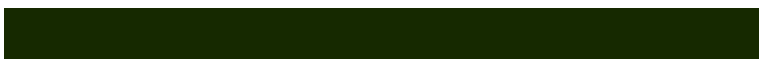
81, 12.768, 142.588



44, 6.571, 126.882



62, 78.539, 126.182



14, 25.726, 127.755

Inverse Universe

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



77, 11.272, 307.754



91, 16.640, 307.880



78, 12.798, 323.575



41, 6.670, 307.741



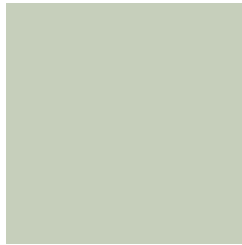
25, 92.318, 310.900



3, 26.488, 305.625

Previews

White Background



This preview shows how the CIELCh color 82, 11.099, 126.866 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, 11.099, 126.866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

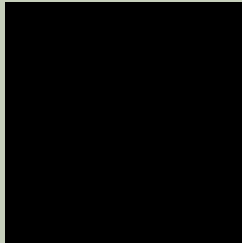
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

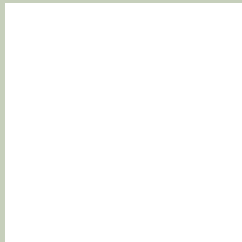
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 11.099, 126.866

Background



This preview shows how black text looks on a background with the CIELCh color 82, 11.099, 126.866.



This preview shows how white text looks on a background with the CIELCh color 82, 11.099, 126.866.

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](#).

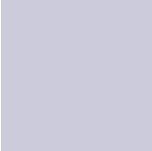
Dichromacy



Original Color
82, 11.099, 126.866

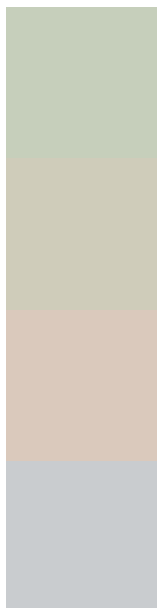
Protanopia
82, 10.085, 89.513

Deuteranopia
82, 12.956, 39.169



Tritanopia
82, 8.486, 290.926

Trichromacy



Original Color
82, 11.099, 126.866

Protanomaly
82, 9.559, 102.524

Deuteranomaly
82, 9.420, 66.307

Tritanomaly
82, 1.915, 255.970

Monochromacy



Original Color
82, 11.099, 126.866

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 3.868, 126.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 11.099, 126.866 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(198, 207, 187)` looks like.

```
.text, #text, p{  
    color:rgb(198, 207, 187)  
}
```

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(198, 207, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 207, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 11.099, 126.866 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(198, 207, 187) }
```

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

```
.border{ border-color:rgb(198, 207, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 207, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 207, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 207, 187);  
box-shadow:4px 4px 4px 4px rgb(198, 207,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 11.099, 126.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 207, 187) }
```

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

```
.background{ background-color: rgb(198,  
207, 187) }
```

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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