

Converting Colors

CIELCh(82, 3.758, 126.576)

Have a look what the booklet for
CIELCh(82, 3.758, 126.576) contains.

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Color

CIELCh(82, 3.865, 126.401)

Conversions

Conversions Part 1

Format	Color
Hex	CACDC6
RGB	202, 205, 198
RGB Percent	79%, 80%, 78%
CMY	0.2078, 0.1960, 0.2235
CMYK	0.01, 0.00, 0.03, 0.20
HSL	86°, 7%, 79%
HSV	86°, 3%, 80%
XYZ	56.3831, 60.2982, 62.0945
YIQ	203.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

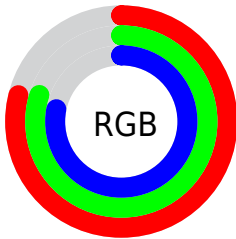
Format	Color
RYB	198, 205, 201
Decimal	13290950
CIELab	82.00, -2.29, 3.11
CIELCh	82, 3.865, 126.401
Yxy	60.2982, 0.3154, 0.3373
Android (android.graphics.Color)	4291481030 (0xFFCACDC6)
YUV	203.3050, -2.6154, -1.1445
Hunter-Lab	77.6519, -6.2819, 6.9450

Details

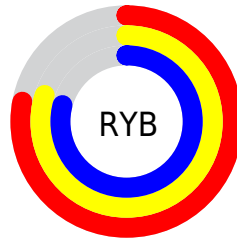
The CIELCh color $82, 3.865, 126.401$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 3.905, 306.681$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $62, 4.093, 126.343$ is the 20% darker color. If you saturate the color by 10%, you get $81, 15.229, 125.912$, and if you desaturate by 10%, it is $83, 7.462, 306.827$.

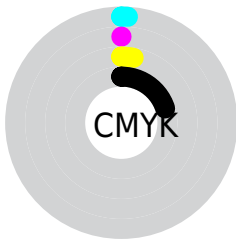
Distribution



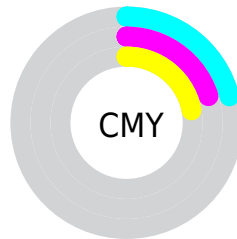
- Red (79%)
- Green (80%)
- Blue (78%)



- Red (78%)
- Yellow (80%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 3.865, 126.401 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, 3.865, 126.401 by changing the saturation by 10% instead.

■ 82, 3.865, 126.401

■ 82, 3.865, 126.401

■ 100, 3.865,
126.401

■ 72, 3.865, 126.401

■ 62, 3.865, 126.401

■ 52, 3.865, 126.401

■ 42, 3.865, 126.401

■ 32, 3.865, 126.401

■ 22, 3.865, 126.401

■ 12, 3.865, 126.401

■ 2, 3.865, 126.401

■ 0, 3.865, 126.401

82, 3.865, 126.401

82, 3.865, 126.401

81, 15.229,
125.912

83, 7.462, 306.827

80, 26.554,
125.409

85, 18.708,
307.255

79, 37.744,
124.905

86, 27.578,
308.887

78, 48.654,
124.427

86, 28.555,
314.752

77, 59.073,
124.021

87, 29.806,
320.269

76, 68.696,
123.756

88, 31.305,
325.381

76, 77.104,
123.731

88, 31.349,
325.515

75, 83.803,
124.071

■ 75, 88.395,
124.883

Harmonies

Complementary

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



82, 3.865, 126.401



80, 3.905, 306.681

Rectangle

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



82, 3.865, 126.401



82, 3.865, 176.401



82, 3.865, 306.401



82, 3.865, 356.401

Sweetspot

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



82, 3.867, 126.412



100, 1.343, 126.583



81, 2.141, 65.333



53, 0.763, 126.590



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, 3.867, 126.412



99, 5.408, 126.379



82, 4.406, 142.065



43, 3.200, 126.345



61, 77.104, 125.360



13, 23.936, 127.683

Inverse Universe

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



80, 3.905, 306.681



97, 5.462, 306.716



81, 4.426, 322.294



41, 3.234, 306.750



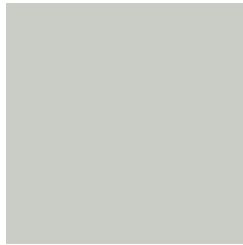
24, 91.676, 310.491



2, 24.245, 304.108

Previews

White Background



This preview shows how the CIELCh color 82, 3.865, 126.401 looks on a white background.

Color Contrast Check

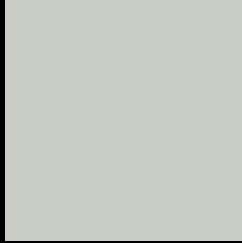
Large Text (above 18pt) WCAG AA × Fail

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, 3.865, 126.401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

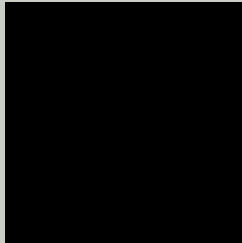
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

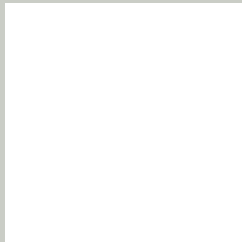
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 3.865, 126.401

Background



This preview shows how black text looks on a background with the CIELCh color 82, 3.865, 126.401.

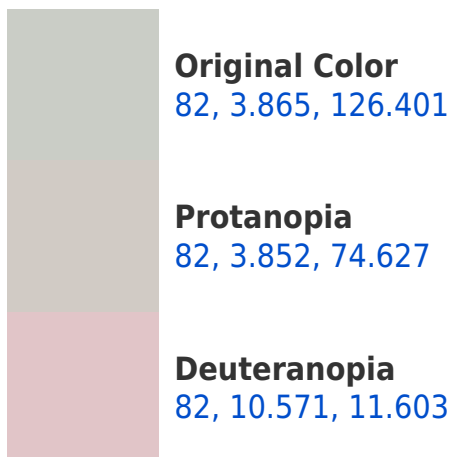


This preview shows how white text looks on a background with the CIELCh color 82, 3.865, 126.401.

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, 8.574, 298.038

Trichromacy



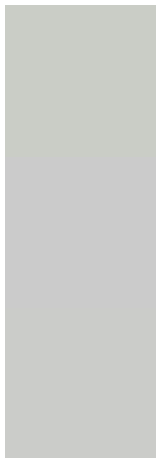
Original Color
82, 3.865, 126.401

Protanomaly
82, 3.758, 98.492

Deuteranomaly
82, 6.338, 24.569

Tritanomaly
82, 4.268, 295.386

Monochromacy



Original Color
82, 3.865, 126.401

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.624, 123.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 3.865, 126.401 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, 205, 198)` looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 198)  
}
```

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, 205, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 3.865, 126.401 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, 205, 198) }
```

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

```
.border{ border-color:rgb(202, 205, 198) }
```

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

Here you see how a box with a 4 pixel rgb(202, 205, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 198);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 3.865, 126.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 198) }
```

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

```
.background{ background-color: rgb(202,  
205, 198) }
```

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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