

Converting Colors

CIELCh(82, 9.234, 125.833)

Have a look what the booklet for
CIELCh(82, 9.234, 125.833) contains.

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Color

CIELCh(82, 9.473, 127.676)

Conversions

Conversions Part 1

Format	Color
Hex	C7CFBE
RGB	199, 207, 190
RGB Percent	78%, 81%, 75%
CMY	0.2207, 0.1893, 0.2560
CMYK	0.04, 0.00, 0.08, 0.19
HSL	88°, 15%, 78%
HSV	88°, 8%, 81%
XYZ	54.9871, 60.2982, 57.2965
YIQ	202.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

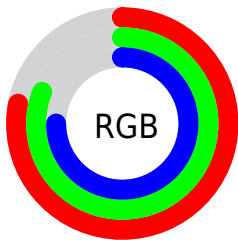
Format	Color
R_{YB}	190, 207, 198
Decimal	13094846
CIE _{Lab}	82.00, -5.79, 7.50
CIE _{LCh}	82, 9.473, 127.676
Yxy	60.2982, 0.3186, 0.3494
Android (android.graphics.Color)	4291284926 (0xFFC7CFBE)
YUV	202.6700, -6.2463, -3.2186
Hunter-Lab	77.6519, -9.4908, 10.6084

Details

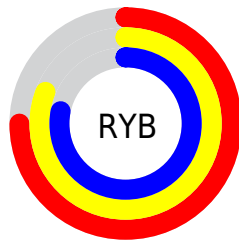
The CIELCh color $82, 9.473, 127.676$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 9.599, 308.404$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 4.553, 109.821$, and $62, 9.497, 128.627$ is the 20% darker color. If you saturate the color by 10%, you get $81, 21.019, 127.200$, and if you desaturate by 10%, it is $83, 2.054, 308.062$.

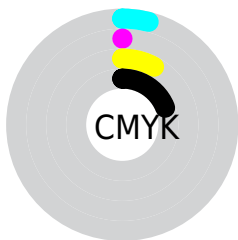
Distribution



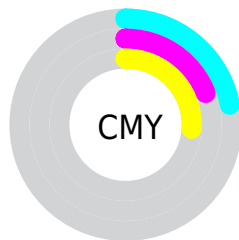
- Red (78%)
- Green (81%)
- Blue (75%)



- Red (75%)
- Yellow (81%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 9.473, 127.676 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, 9.473, 127.676 by changing the saturation by 10% instead.



82, 9.473, 127.676

82, 9.473, 127.676

81, 21.019,
127.200

83, 2.054, 308.062

80, 32.493,
126.708

85, 13.509,
308.521

79, 43.773,
126.222

86, 24.846,
308.903

78, 54.684,
125.777

87, 27.539,
314.627

77, 64.968,
125.430

88, 28.948,
320.923

76, 74.261,
125.265

88, 30.271,
325.478

76, 82.092,
125.398

75, 87.977,
125.955

■ 75, 91.765,
126.978

Harmonies

Complementary

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



82, 9.473, 127.676



78, 9.599, 308.404

Rectangle

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



82, 9.473, 127.676



82, 9.473, 177.676



82, 9.473, 307.676



82, 9.473, 357.676

Sweetspot

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



82, 9.475, 127.681



100, 2.720, 127.997



80, 5.392, 70.692



53, 1.546, 128.004



0, 0.000, 0.000



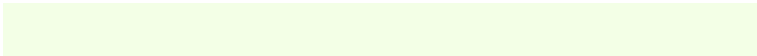
53, 0.007, 296.813

Same Dimension

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



82, 9.475, 127.681



99, 13.668, 127.590



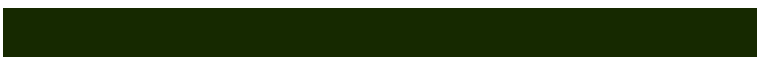
81, 10.901, 143.118



44, 6.601, 127.624



62, 79.072, 126.927



14, 25.903, 128.553

Inverse Universe

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



78, 9.599, 308.404



93, 13.879, 308.497



79, 10.925, 323.959



41, 6.697, 308.462



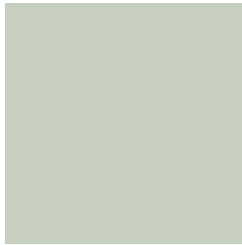
25, 91.917, 311.330



3, 26.587, 306.376

Previews

White Background



This preview shows how the CIELCh color 82, 9.473, 127.676 looks on a white background.

Color Contrast Check

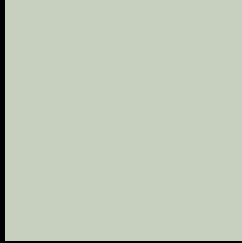
Large Text (above 18pt) WCAG AA × Fail

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, 9.473, 127.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

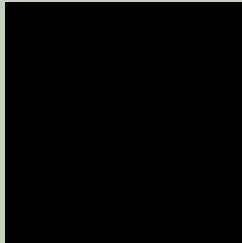
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

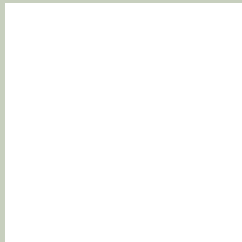
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 9.473, 127.676

Background



This preview shows how black text looks on a background with the CIELCh color 82, 9.473, 127.676.

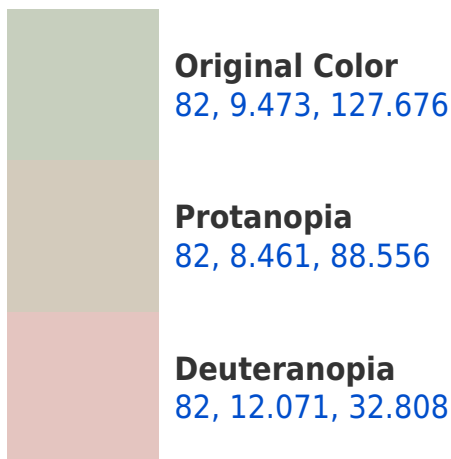


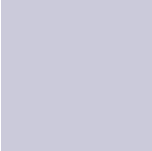
This preview shows how white text looks on a background with the CIELCh color 82, 9.473, 127.676.

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, 8.506, 293.307

Trichromacy



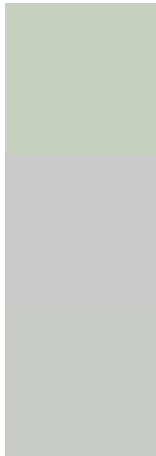
Original Color
82, 9.473, 127.676

Protanomaly
82, 7.988, 101.363

Deuteranomaly
82, 8.012, 60.807

Tritanomaly
82, 2.369, 263.299

Monochromacy



Original Color
82, 9.473, 127.676

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 3.364, 128.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 9.473, 127.676 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(199, 207, 190)` looks like.

```
.text, #text, p{  
    color:rgb(199, 207, 190)  
}
```

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(199, 207, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 207, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 9.473, 127.676 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(199, 207, 190) }
```

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

```
.border{ border-color:rgb(199, 207, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 207, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 207, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 207, 190);  
box-shadow:4px 4px 4px 4px rgb(199, 207,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 9.473, 127.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 207, 190) }
```

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

```
.background{ background-color: rgb(199,  
207, 190) }
```

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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