

Converting Colors

CIELCh(82, 6.108, 127.240)

Have a look what the booklet for
CIELCh(82, 6.108, 127.240) contains.

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Color

CIELCh(82, 6.108, 127.240)

Conversions

Conversions Part 1

Format	Color
Hex	C9CEC3
RGB	201, 206, 195
RGB Percent	79%, 81%, 76%
CMY	0.2129, 0.1933, 0.2365
CMYK	0.02, 0.00, 0.05, 0.19
HSL	87°, 10%, 79%
HSV	87°, 5%, 81%
XYZ	55.8202, 60.2982, 60.1477
YIQ	203.2510, 0.5510, -4.4810

Conversions

Conversions Part 2

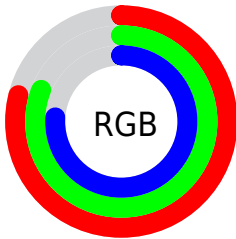
Format	Color
RYB	195, 206, 200
Decimal	13225667
CIELab	82.00, -3.70, 4.86
CIELCh	82, 6.108, 127.240
Yxy	60.2982, 0.3167, 0.3421
Android (android.graphics.Color)	4291415747 (0xFFC9CEC3)
YUV	203.2510, -4.0677, -1.9741
Hunter-Lab	77.6519, -7.5757, 8.4314

Details

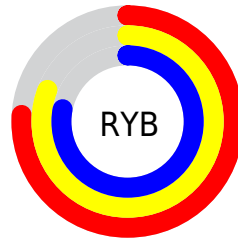
The CIELCh color **82, 6.108, 127.240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 6.174, 307.700**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **62, 6.466, 127.155** is the 20% darker color. If you saturate the color by 10%, you get **81, 17.569, 126.762**, and if you desaturate by 10%, it is **83, 5.319, 307.655**.

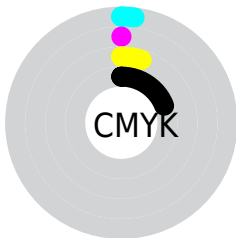
Distribution



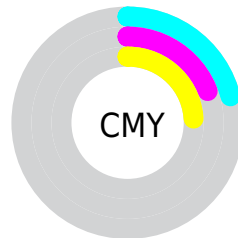
- Red (79%)
- Green (81%)
- Blue (76%)



- Red (76%)
- Yellow (81%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 6.108, 127.240 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, 6.108, 127.240 by changing the saturation by 10% instead.

 82, 6.108, 127.240

 82, 6.108, 127.240

 100, 6.108,
127.240

 72, 6.108, 127.240

 62, 6.108, 127.240

 52, 6.108, 127.240

 42, 6.108, 127.240

 32, 6.108, 127.240

 22, 6.108, 127.240

 12, 6.108, 127.240

 2, 6.108, 127.240

 0, 6.108, 127.240

82, 6.108, 127.240

82, 6.108, 127.240

81, 17.569,
126.762

83, 5.319, 307.655

80, 28.980,
126.267

85, 16.666,
308.080

79, 40.237,
125.774

86, 27.186,
308.880

78, 51.181,
125.311

87, 28.241,
315.196

77, 61.585,
124.928

88, 29.608,
321.097

76, 71.118,
124.702

88, 30.913,
325.500

76, 79.339,
124.738

75, 85.754,
125.163

■ 75, 90.013,
126.076

Harmonies

Complementary

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



82, 6.108, 127.240



79, 6.174, 307.700

Rectangle

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



82, 6.108, 127.240



82, 6.108, 177.240



82, 6.108, 307.240



82, 6.108, 357.240

Sweetspot

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



82, 6.110, 127.247



100, 2.711, 127.427



81, 3.434, 69.091



53, 1.541, 127.434



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, 6.110, 127.247



99, 8.163, 127.211



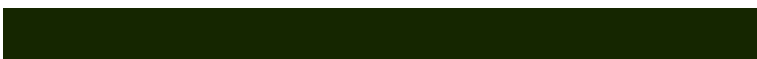
82, 7.006, 142.851



43, 4.508, 127.187



61, 77.764, 126.333



13, 24.150, 128.725

Inverse Universe

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



79, 6.174, 307.700



96, 8.254, 307.737



80, 7.027, 323.338



41, 4.561, 307.762



24, 91.182, 311.008



2, 24.344, 305.002

Previews

White Background



This preview shows how the CIELCh color 82, 6.108, 127.240 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, 6.108, 127.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

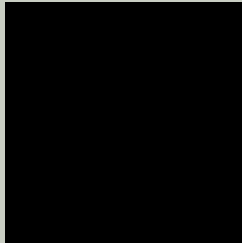
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

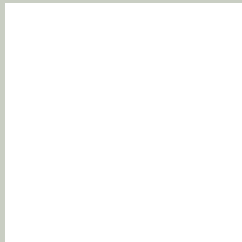
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 6.108, 127.240

Background



This preview shows how black text looks on a background with the CIELCh color 82, 6.108, 127.240.

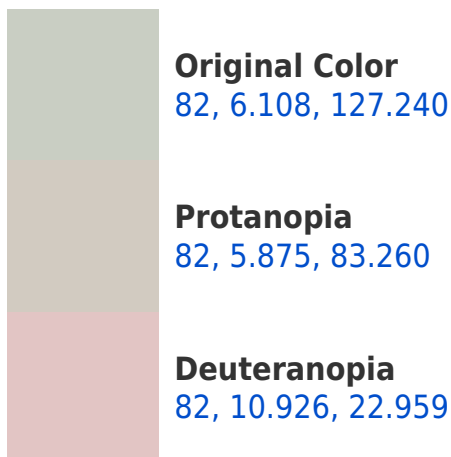



This preview shows how white text looks on a background with the CIELCh color 82, 6.108, 127.240.

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, 8.533, 295.680

Trichromacy



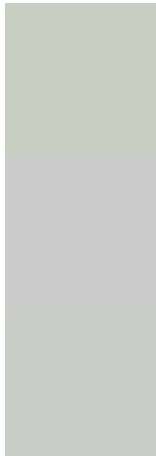
Original Color
82, 6.108, 127.240

Protanomaly
82, 5.383, 97.737

Deuteranomaly
82, 6.689, 38.156

Tritanomaly
82, 3.718, 290.521

Monochromacy



Original Color
82, 6.108, 127.240

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 2.239, 129.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 6.108, 127.240 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(201, 206, 195)` looks like.

```
.text, #text, p{  
    color:rgb(201, 206, 195)  
}
```

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(201, 206, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 206, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 6.108, 127.240 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(201, 206, 195) }
```

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

```
.border{ border-color:rgb(201, 206, 195) }
```

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

Here you see how a box with a 4 pixel rgb(201, 206, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 206, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 206, 195);  
box-shadow:4px 4px 4px 4px rgb(201, 206,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 6.108, 127.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 206, 195) }
```

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

```
.background{ background-color: rgb(201,  
206, 195) }
```

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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