

Converting Colors

CIE LCh(82, 4.229, 232.177)

Have a look what the booklet for
CIELCh(82, 4.229, 232.177) contains.

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Color

CIELCh(82, 4.113, 230.359)

Conversions

Conversions Part 1

Format	Color
Hex	C4CED2
RGB	196, 206, 210
RGB Percent	77%, 81%, 82%
CMY	0.2327, 0.1935, 0.1779
CMYK	0.07, 0.02, 0.00, 0.18
HSL	197°, 13%, 79%
HSV	197°, 7%, 82%
XYZ	56.2502, 60.2982, 69.4162
YIQ	203.4660, -7.2440, -0.8760

Conversions

Conversions Part 2

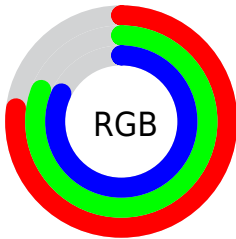
Format	Color
R _Y B	196, 202, 210
Decimal	12898002
CIE Lab	82.00, -2.62, -3.17
CIE LCh	82, 4.113, 230.359
Yxy	60.2982, 0.3025, 0.3242
Android (android.graphics.Color)	4291088082 (0xFFC4CED2)
YUV	203.4660, 3.2213, -6.5477
Hunter-Lab	77.6519, -6.5874, 1.3546

Details

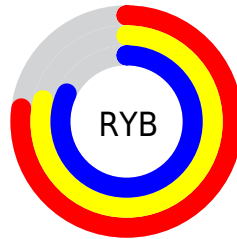
The CIELCh color `82, 4.113, 230.359` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 4.261, 49.243`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.695, 200.315`, and `62, 4.327, 230.486` is the 20% darker color. If you saturate the color by 10%, you get `79, 10.044, 231.075`, and if you desaturate by 10%, it is `85, 2.081, 49.308`.

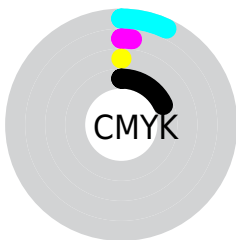
Distribution



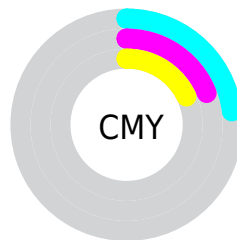
- Red (77%)
- Green (81%)
- Blue (82%)



- Red (77%)
- Yellow (79%)
- Blue (82%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 4.113, 230.359 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, 4.113, 230.359 by changing the saturation by 10% instead.

■ 82, 4.113, 230.359

■ 82, 4.113, 230.359

■ 100, 4.113,
230.359

■ 72, 4.113, 230.359

■ 62, 4.113, 230.359

■ 52, 4.113, 230.359

■ 42, 4.113, 230.359

■ 32, 4.113, 230.359

■ 22, 4.113, 230.359

■ 12, 4.113, 230.359

■ 2, 4.113, 230.359

■ 0, 4.113, 230.359

82, 4.113, 230.359

82, 4.113, 230.359

79, 10.044,
231.075

85, 2.081, 49.308

76, 15.641,
232.112

88, 8.476, 49.008

73, 20.827,
233.456

91, 13.836, 51.295

70, 25.528,
235.174

93, 14.027, 66.586

94, 15.164, 80.446

96, 17.046, 91.744

68, 29.677,
237.352

97, 19.450,
100.459

65, 33.234,
240.082

99, 22.195,
107.077

63, 36.207,
243.450

99, 22.905,
108.442

61, 38.667,
247.509

■ 59, 40.768,
252.223

Harmonies

Complementary

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



82, 4.113, 230.359



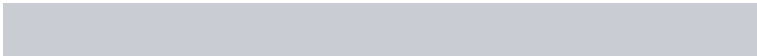
81, 4.261, 49.243

Rectangle

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



82, 4.113, 230.359



82, 4.113, 280.359



82, 4.113, 50.359



82, 4.113, 100.359

Sweetspot

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



82, 4.113, 230.330



99, 1.461, 230.305



83, 7.391, 153.214



53, 0.831, 230.321



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

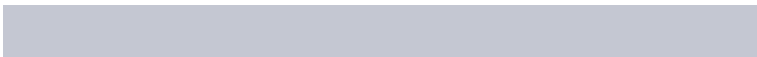
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 4.113, 230.330



97, 5.761, 230.412



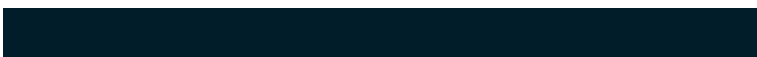
80, 5.922, 280.202



42, 3.468, 230.497



47, 34.988, 252.979



9, 12.548, 241.739

Inverse Universe

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



80, 7.412, 334.105



95, 10.424, 334.209



83, 5.870, 98.594



41, 6.300, 334.305



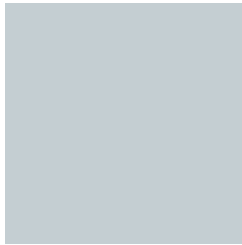
37, 68.348, 343.687



5, 24.969, 340.100

Previews

White Background



This preview shows how the CIELCh color 82, 4.113, 230.359 looks on a white background.

Color Contrast Check

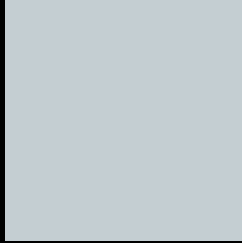
Large Text (above 18pt) WCAG AA × Fail

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, 4.113, 230.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

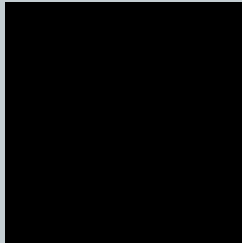
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

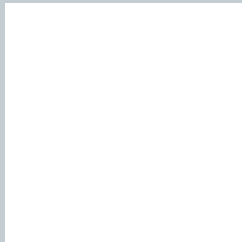
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 4.113, 230.359

Background



This preview shows how black text looks on a background with the CIELCh color 82, 4.113, 230.359.

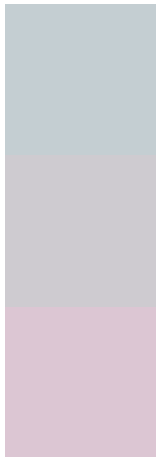


This preview shows how white text looks on a background with the CIELCh color 82, 4.113, 230.359.

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](#).

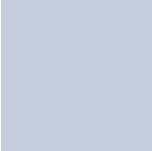
Dichromacy



Original Color
82, 4.113, 230.359

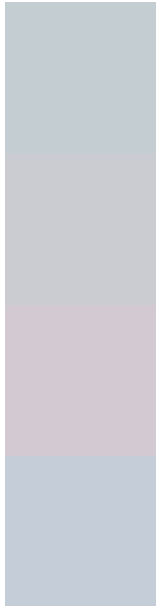
Protanopia
82, 2.884, 312.528

Deuteranopia
82, 10.605, 339.788



Tritanopia
82, 8.780, 274.756

Trichromacy



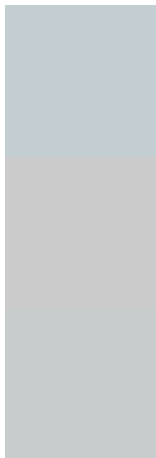
Original Color
82, 4.113, 230.359

Protanomaly
82, 2.741, 275.230

Deuteranomaly
82, 6.456, 324.659

Tritanomaly
82, 6.425, 264.678

Monochromacy



Original Color
82, 4.113, 230.359

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.535, 219.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 4.113, 230.359 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(196, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(196, 206, 210)  
}
```

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(196, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 206, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 4.113, 230.359 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(196, 206, 210) }
```

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

```
.border{ border-color:rgb(196, 206, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 206, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(196, 206,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 4.113, 230.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 206, 210) }
```

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

```
.background{ background-color: rgb(196,  
206, 210) }
```

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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