

Converting Colors

CIELCh(82, 4.082, 171.477)

Have a look what the booklet for
CIELCh(82, 4.082, 171.477) contains.

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Color

CIELCh(82, 3.967, 175.642)

Conversions

Conversions Part 1

Format	Color
Hex	C4CECB
RGB	196, 206, 203
RGB Percent	77%, 81%, 80%
CMY	0.2307, 0.1915, 0.2033
CMYK	0.05, 0.00, 0.01, 0.19
HSL	162°, 9%, 79%
HSV	162°, 5%, 81%
XYZ	55.7166, 60.2982, 65.3037
YIQ	202.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

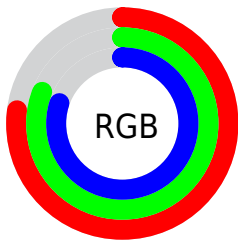
Format	Color
RYB	196, 202, 206
Decimal	12897995
CIELab	82.00, -3.96, 0.30
CIElCh	82, 3.967, 175.642
Yxy	60.2982, 0.3073, 0.3326
Android (android.graphics.Color)	4291088075 (0xFFC4CECB)
YUV	202.6680, 0.1637, -5.8478
Hunter-Lab	77.6519, -7.8139, 4.4946

Details

The CIELCh color $82, 3.967, 175.642$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 4.031, 356.270$, 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 $62, 4.195, 175.466$ is the 20% darker color. If you saturate the color by 10%, you get $80, 12.065, 174.593$, and if you desaturate by 10%, it is $84, 4.237, 356.277$.

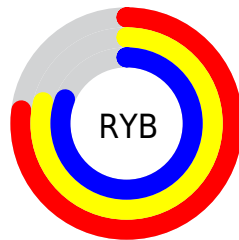
Distribution



Red (77%)

Green (81%)

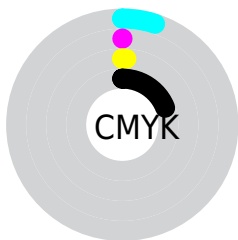
Blue (80%)



Red (77%)

Yellow (79%)

Blue (81%)

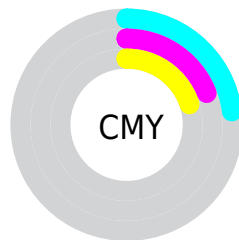


Cyan (5%)

Magenta (0%)

Yellow (1%)

Black (19%)



Cyan (23%)

Magenta (19%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 3.967, 175.642 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, 3.967, 175.642 by changing the saturation by 10% instead.

■ 82, 3.967, 175.642

■ 82, 3.967, 175.642

■ 100, 3.967,
175.642

■ 72, 3.967, 175.642

■ 62, 3.967, 175.642

■ 52, 3.967, 175.642

■ 42, 3.967, 175.642

■ 32, 3.967, 175.642

■ 22, 3.967, 175.642

■ 12, 3.967, 175.642

■ 2, 3.967, 175.642

■ 0, 3.967, 175.642

82, 3.967, 175.642

82, 3.967, 175.642

80, 12.065,
174.593

84, 4.237, 356.277

79, 19.944,
173.555

86, 12.464,
357.193

78, 27.481,
172.439

87, 19.617,
356.605

77, 34.540,
171.219

88, 21.003,
348.466

76, 40.985,
169.872

88, 22.777,
341.503

75, 46.697,
168.372

88, 24.856,
335.668

74, 51.591,
166.696

88, 27.166,
330.824

74, 55.637,
164.824

88, 29.653,
326.810

■ 74, 58.883,
162.753

■ 88, 30.620,
325.490

Harmonies

Complementary

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



82, 3.967, 175.642



80, 4.031, 356.270

Rectangle

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



82, 3.967, 175.642



82, 3.967, 225.642



82, 3.967, 355.642



82, 3.967, 45.642

Sweetspot

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



82, 3.969, 175.626



100, 0.969, 176.443



82, 5.873, 135.034



53, 0.551, 176.478



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, 3.969, 175.626



99, 5.829, 175.488



82, 3.077, 217.828



43, 3.218, 175.435



60, 51.027, 162.029



12, 17.564, 167.321

Inverse Universe

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



80, 4.031, 356.270



96, 5.937, 356.411



80, 3.167, 37.325



41, 3.282, 356.467



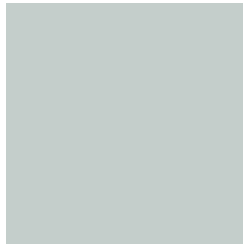
35, 63.341, 20.580



4, 18.552, 4.888

Previews

White Background



This preview shows how the CIELCh color 82, 3.967, 175.642 looks on a white background.

Color Contrast Check

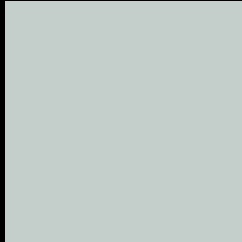
Large Text (above 18pt) WCAG AA × Fail

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, 3.967, 175.642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

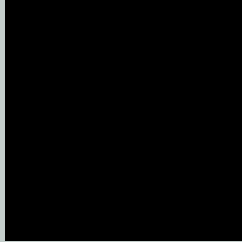
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

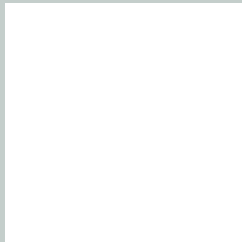
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 3.967, 175.642

Background



This preview shows how black text looks on a background with the CIELCh color 82, 3.967, 175.642.

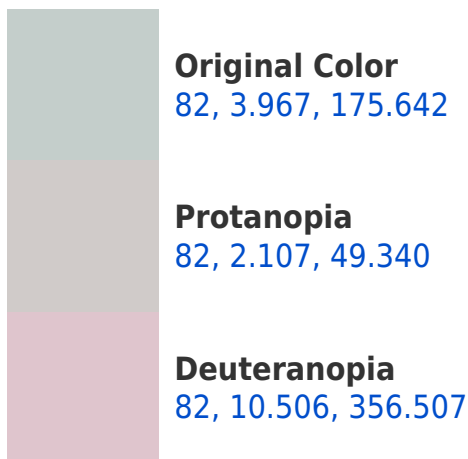


This preview shows how white text looks on a background with the CIELCh color 82, 3.967, 175.642.

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, 8.627, 279.217

Trichromacy



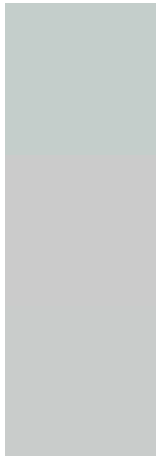
Original Color
82, 3.967, 175.642

Protanomaly
82, 1.048, 110.023

Deuteranomaly
82, 5.240, 355.902

Tritanomaly
82, 5.335, 262.915

Monochromacy



Original Color
82, 3.967, 175.642

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.213, 173.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 3.967, 175.642 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(196, 206, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 206, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 3.967, 175.642 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, 203) }
```

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

```
.border{ border-color:rgb(196, 206, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 206, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 206, 203);  
box-shadow:4px 4px 4px 4px rgb(196, 206,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 3.967, 175.642 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, 203) }
```

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

```
.background{ background-color: rgb(196,  
206, 203) }
```

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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