

Converting Colors

CIELCh(81, 4.173, 168.372)

Have a look what the booklet for
CIELCh(81, 4.173, 168.372) contains.

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Color

CIELCh(81, 3.922, 166.490)

Conversions

Conversions Part 1

Format	Color
Hex	C2CBC7
RGB	194, 203, 199
RGB Percent	76%, 80%, 78%
CMY	0.2382, 0.2029, 0.2186
CMYK	0.04, 0.00, 0.02, 0.20
HSL	153°, 8%, 78%
HSV	153°, 4%, 80%
XYZ	54.0682, 58.4711, 62.6244
YIQ	199.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

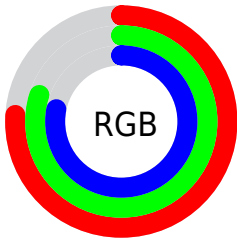
Format	Color
RYB	194, 200, 203
Decimal	12766151
CIELab	81.00, -3.81, 0.92
CIElCh	81, 3.922, 166.490
Yxy	58.4711, 0.3087, 0.3338
Android (android.graphics.Color)	4290956231 (0xFFC2CBC7)
YUV	199.8530, -0.4205, -5.1331
Hunter-Lab	76.4664, -7.6017, 4.9692

Details

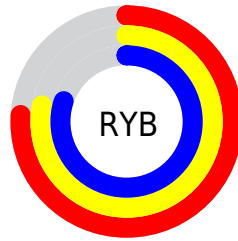
The CIELCh color $81, 3.922, 166.490$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 3.963, 347.015$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.735, 199.677$, and $61, 4.155, 166.335$ is the 20% darker color. If you saturate the color by 10%, you get $79, 12.779, 165.498$, and if you desaturate by 10%, it is $83, 4.937, 347.108$.

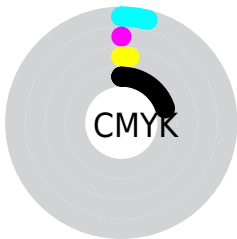
Distribution



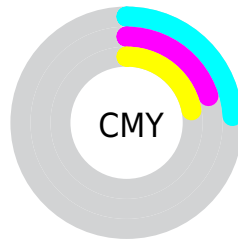
- Red (76%)
- Green (80%)
- Blue (78%)



- Red (76%)
- Yellow (78%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 3.922, 166.490 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 81, 3.922, 166.490 by changing the saturation by 10% instead.

■ 81, 3.922, 166.490

■ 81, 3.922, 166.490

■ 100, 3.922,
166.490

■ 71, 3.922, 166.490

■ 61, 3.922, 166.490

■ 51, 3.922, 166.490

■ 41, 3.922, 166.490

■ 31, 3.922, 166.490

■ 21, 3.922, 166.490

■ 11, 3.922, 166.490

■ 1, 3.922, 166.490

■ 0, 3.922, 166.490

81, 3.922, 166.490

81, 3.922, 166.490

79, 12.779,
165.498

83, 4.937, 347.108

78, 21.524,
164.488

85, 13.721,
347.927

77, 30.032,
163.375

87, 22.296,
348.520

75, 38.162,
162.132

87, 24.967,
339.215

74, 45.763,
160.734

87, 28.199,
331.959


74, 52.697,
159.155

88, 31.814,
326.359

73, 58.853,
157.375

88, 32.448,
325.553

73, 64.177,
155.381

 72, 68.690,
153.185

Harmonies

Complementary

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



81, 3.922, 166.490



79, 3.963, 347.015

Rectangle

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



81, 3.922, 166.490



81, 3.922, 216.490



81, 3.922, 346.490



81, 3.922, 36.490

Sweetspot

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



81, 3.924, 166.478



100, 1.059, 167.142



81, 5.119, 130.637



53, 0.602, 167.172



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 3.924, 166.478



99, 5.325, 166.409



81, 3.089, 203.799



43, 3.024, 166.350



60, 60.552, 152.308



12, 20.268, 158.106

Inverse Universe

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



79, 3.963, 347.015



97, 5.380, 347.084



79, 3.177, 23.802



41, 3.058, 347.144



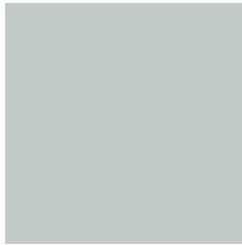
35, 61.152, 6.895



4, 19.420, 356.917

Previews

White Background



This preview shows how the CIE LCh color 81, 3.922, 166.490 looks on a white background.

Color Contrast Check

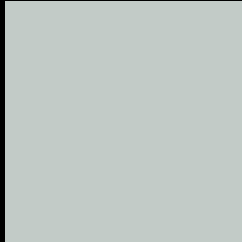
Large Text (above 18pt) WCAG AA × Fail

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 81, 3.922, 166.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

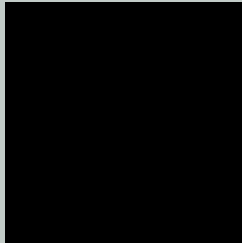
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

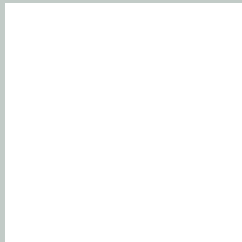
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 3.922, 166.490

Background



This preview shows how black text looks on a background with the CIELCh color 81, 3.922, 166.490.



This preview shows how white text looks on a background with the CIELCh color 81, 3.922, 166.490.

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

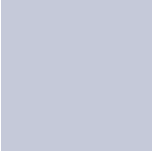
81, 3.922, 166.490

Protanopia

81, 2.420, 60.290

Deuteranopia

81, 9.817, 1.296



Tritanopia
81, 8.593, 281.522

Trichromacy



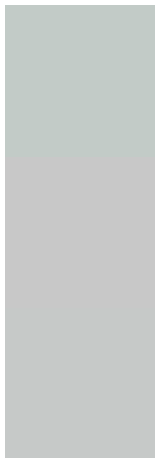
Original Color
81, 3.922, 166.490

Protanomaly
81, 1.582, 109.996

Deuteranomaly
81, 4.924, 7.265

Tritanomaly
81, 5.202, 266.407

Monochromacy



Original Color
81, 3.922, 166.490

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.217, 173.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 3.922, 166.490 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(194, 203, 199)` looks like.

```
.text, #text, p{  
    color:rgb(194, 203, 199)  
}
```

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(194, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 203, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 3.922, 166.490 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(194, 203, 199) }
```

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

```
.border{ border-color:rgb(194, 203, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 203, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 203, 199);  
box-shadow:4px 4px 4px 4px rgb(194, 203,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 3.922, 166.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 203, 199) }
```

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

```
.background{ background-color: rgb(194,  
203, 199) }
```

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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