

Converting Colors

CIELCh(81, 4.040, 237.638)

Have a look what the booklet for
CIELCh(81, 4.040, 237.638) contains.

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Color

CIELCh(81, 3.826, 233.117)

Conversions

Conversions Part 1

Format	Color
Hex	C2CBCF
RGB	194, 203, 207
RGB Percent	76%, 80%, 81%
CMY	0.2405, 0.2052, 0.1895
CMYK	0.06, 0.02, 0.00, 0.19
HSL	198°, 12%, 78%
HSV	198°, 6%, 81%
XYZ	54.6644, 58.4711, 67.2244
YIQ	200.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

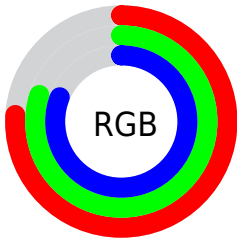
Format	Color
RYB	194, 199, 207
Decimal	12766159
CIELab	81.00, -2.30, -3.06
CIElCh	81, 3.826, 233.117
Yxy	58.4711, 0.3031, 0.3242
Android (android.graphics.Color)	4290956239 (0xFFC2CBCF)
YUV	200.7650, 3.0739, -5.9329
Hunter-Lab	76.4664, -6.2100, 1.4025

Details

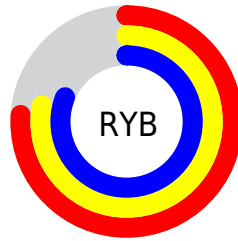
The CIELCh color $81, 3.826, 233.117$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 3.948, 51.921$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.389, 199.794$, and $61, 4.030, 233.253$ is the 20% darker color. If you saturate the color by 10%, you get $78, 9.702, 233.919$, and if you desaturate by 10%, it is $84, 2.290, 52.004$.

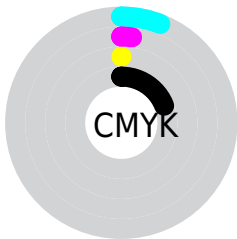
Distribution



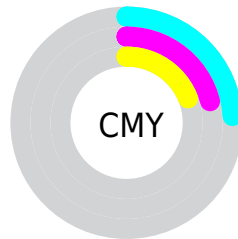
- Red (76%)
- Green (80%)
- Blue (81%)



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



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 3.826, 233.117 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, 3.826, 233.117 by changing the saturation by 10% instead.

■ 81, 3.826, 233.117

■ 81, 3.826, 233.117

■ 100, 3.826,
233.117

■ 71, 3.826, 233.117

■ 61, 3.826, 233.117

■ 51, 3.826, 233.117

■ 41, 3.826, 233.117

■ 31, 3.826, 233.117

■ 21, 3.826, 233.117

■ 11, 3.826, 233.117

■ 1, 3.826, 233.117

■ 0, 3.826, 233.117

81, 3.826, 233.117

81, 3.826, 233.117

78, 9.702, 233.919

84, 2.290, 52.004

75, 15.272,
235.058

87, 8.589, 51.597

72, 20.467,
236.514

91, 14.801, 51.680

92, 15.018, 66.840

69, 25.217,
238.356

94, 16.229, 80.573

66, 29.464,
240.669

95, 18.226, 91.777

64, 33.175,
243.544

97, 20.772,
100.436

61, 36.362,
247.060

99, 23.678,
107.022

59, 39.101,
251.260

99, 24.398,
108.327

■ 57, 41.543,
256.093

Harmonies

Complementary

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



81, 3.826, 233.117



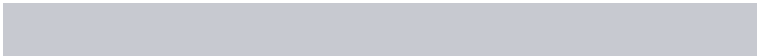
80, 3.948, 51.921

Rectangle

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



81, 3.826, 233.117



81, 3.826, 283.117



81, 3.826, 53.117



81, 3.826, 103.117

Sweetspot

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



81, 3.826, 233.086



99, 1.458, 233.036



82, 6.796, 153.905



53, 0.829, 233.050



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, 3.826, 233.086



97, 5.751, 233.206



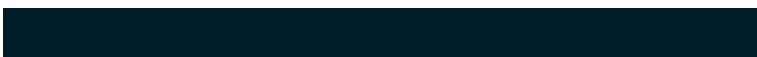
79, 5.614, 281.163



42, 3.463, 233.305



46, 36.180, 257.105



9, 12.759, 245.485

Inverse Universe

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



80, 6.791, 334.965



95, 10.261, 335.102



82, 5.562, 99.668



41, 6.202, 335.200



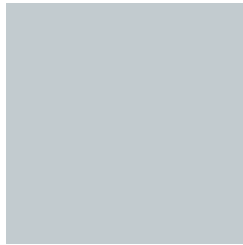
37, 67.394, 345.280



5, 24.566, 341.367

Previews

White Background



This preview shows how the CIELCh color 81, 3.826, 233.117 looks on a white background.

Color Contrast Check

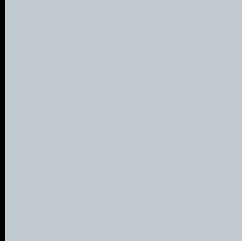
Large Text (above 18pt) WCAG AA × Fail

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, 3.826, 233.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

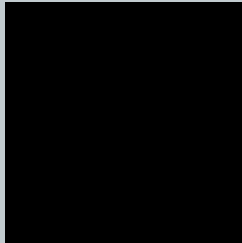
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

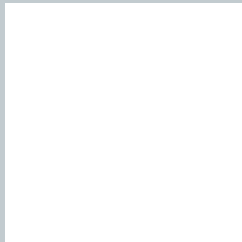
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 3.826, 233.117

Background



This preview shows how black text looks on a background with the CIELCh color 81, 3.826, 233.117.



This preview shows how white text looks on a background with the CIELCh color 81, 3.826, 233.117.

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, 3.826, 233.117

Protanopia

81, 2.892, 312.530

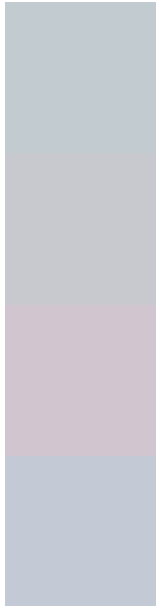
Deuteranopia

81, 10.633, 339.799



Tritanopia
81, 8.721, 276.982

Trichromacy



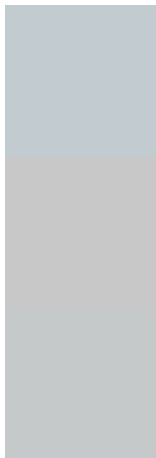
Original Color
81, 3.826, 233.117

Protanomaly
81, 2.682, 282.708

Deuteranomaly
81, 6.686, 327.256

Tritanomaly
81, 6.304, 267.586

Monochromacy



Original Color
81, 3.826, 233.117

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.207, 225.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 3.826, 233.117 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 203, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 203, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 3.826, 233.117 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, 207) }
```

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

```
.border{ border-color:rgb(194, 203, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 203, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 203, 207);  
box-shadow:4px 4px 4px 4px rgb(194, 203,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 3.826, 233.117 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, 207) }
```

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

```
.background{ background-color: rgb(194,  
203, 207) }
```

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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