

Converting Colors

CIELCh(81, 4.064, 240.280)

Have a look what the booklet for
CIELCh(81, 4.064, 240.280) contains.

CIELCh(81, 4.131, 239.402)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 4.131, 239.402)

Conversions

Conversions Part 1

Format	Color
Hex	C2CBD0
RGB	194, 203, 208
RGB Percent	76%, 80%, 82%
CMY	0.2408, 0.2055, 0.1859
CMYK	0.07, 0.02, 0.00, 0.19
HSL	201°, 13%, 79%
HSV	201°, 7%, 81%
XYZ	54.7407, 58.4711, 67.8129
YIQ	200.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

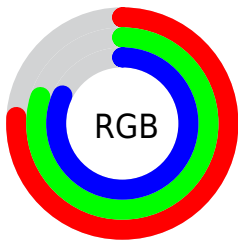
Format	Color
RYB	194, 199, 208
Decimal	12766160
CIELab	81.00, -2.10, -3.56
CIELCh	81, 4.131, 239.402
Yxy	58.4711, 0.3024, 0.3230
Android (android.graphics.Color)	4290956240 (0xFFC2CBD0)
YUV	200.8790, 3.5107, -6.0329
Hunter-Lab	76.4664, -6.0317, 0.9462

Details

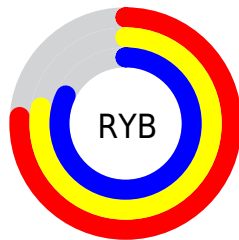
The CIELCh color $81, 4.131, 239.402$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 4.254, 57.916$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.389, 199.794$, and $61, 4.352, 239.599$ is the 20% darker color. If you saturate the color by 10%, you get $78, 10.078, 240.434$, and if you desaturate by 10%, it is $84, 2.018, 58.097$.

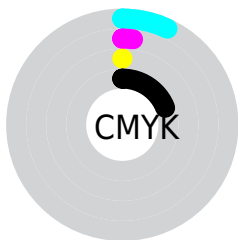
Distribution



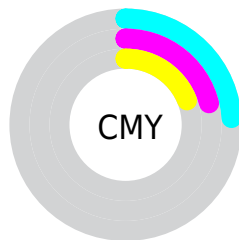
- Red (76%)
- Green (80%)
- Blue (82%)



- Red (76%)
- Yellow (78%)
- Blue (82%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 4.131, 239.402 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, 4.131, 239.402 by changing the saturation by 10% instead.

■ 81, 4.131, 239.402

■ 81, 4.131, 239.402

■ 100, 4.131,
239.402

■ 71, 4.131, 239.402

■ 61, 4.131, 239.402

■ 51, 4.131, 239.402

■ 41, 4.131, 239.402

■ 31, 4.131, 239.402

■ 21, 4.131, 239.402

■ 11, 4.131, 239.402

■ 1, 4.131, 239.402

■ 0, 4.131, 239.402

81, 4.131, 239.402

81, 4.131, 239.402

78, 10.078,
240.434

84, 2.018, 58.097

74, 15.768,
241.812

88, 8.318, 57.529

71, 21.143,
243.531

91, 14.459, 57.732

68, 26.148,
245.662

95, 17.369, 89.500

65, 30.741,
248.286

97, 20.266,
100.177

62, 34.907,
251.486

99, 23.675,
107.895

59, 38.680,
255.318

99, 23.935,
108.363

57, 42.152,
259.786

■ 54, 45.482,
264.779

Harmonies

Complementary

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



81, 4.131, 239.402



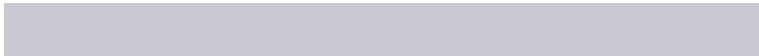
81, 4.254, 57.916

Rectangle

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



81, 4.131, 239.402



81, 4.131, 289.402



81, 4.131, 59.402



81, 4.131, 109.402

Sweetspot

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



81, 4.131, 239.374



99, 1.463, 239.187



82, 7.050, 155.946



53, 0.832, 239.198



0, 0.000, 0.000



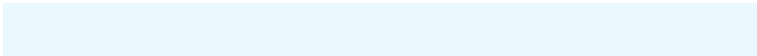
53, 0.007, 296.813

Same Dimension

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



81, 4.131, 239.374



97, 5.779, 239.494



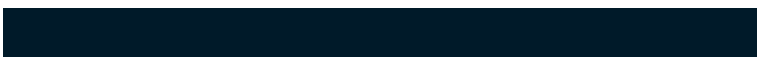
79, 6.386, 284.027



42, 3.481, 239.620



44, 39.468, 265.563



8, 13.399, 253.758

Inverse Universe

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



80, 7.055, 337.112



95, 9.905, 337.220



82, 6.311, 102.501



41, 5.987, 337.324



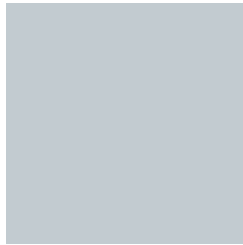
37, 65.477, 349.094



5, 23.713, 344.418

Previews

White Background



This preview shows how the CIELCh color 81, 4.131, 239.402 looks on a white background.

Color Contrast Check

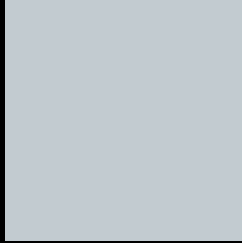
Large Text (above 18pt) WCAG AA × Fail

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 81, 4.131, 239.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

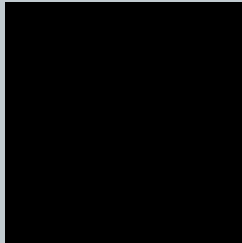
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

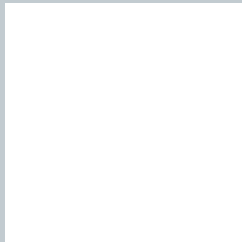
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 4.131, 239.402

Background



This preview shows how black text looks on a background with the CIELCh color 81, 4.131, 239.402.



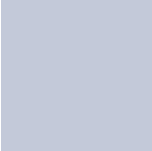
This preview shows how white text looks on a background with the CIELCh color 81, 4.131, 239.402.

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](#).

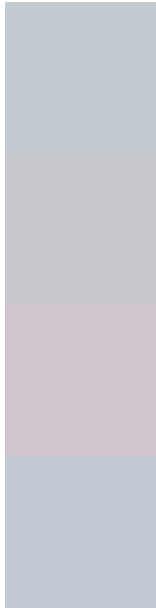
Dichromacy





Tritanopia
81, 8.721, 276.982

Trichromacy



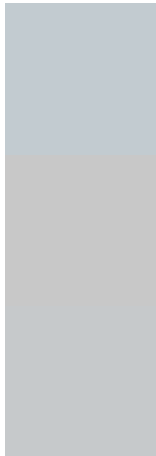
Original Color
81, 4.131, 239.402

Protanomaly
81, 3.209, 284.039

Deuteranomaly
81, 6.474, 324.663

Tritanomaly
81, 6.920, 266.709

Monochromacy



Original Color
81, 4.131, 239.402

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.513, 244.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 4.131, 239.402 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(194, 203, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 203, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 4.131, 239.402 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, 208) }
```

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

```
.border{ border-color:rgb(194, 203, 208) }
```

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, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 203, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 203, 208);  
box-shadow:4px 4px 4px 4px rgb(194, 203,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 4.131, 239.402 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, 208) }
```

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

```
.background{ background-color: rgb(194,  
203, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor