

Converting Colors

CIELCh(81, 6.976, 262.317)

Have a look what the booklet for
CIELCh(81, 6.976, 262.317) contains.

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Color

CIELCh(81, 7.062, 264.099)

Conversions

Conversions Part 1

Format	Color
Hex	C1CAD6
RGB	193, 202, 214
RGB Percent	76%, 79%, 84%
CMY	0.2429, 0.2076, 0.1606
CMYK	0.10, 0.06, 0.00, 0.16
HSL	214°, 20%, 80%
HSV	214°, 10%, 84%
XYZ	55.2860, 58.4711, 72.0291
YIQ	200.6770, -9.2160, 1.8240

Conversions

Conversions Part 2

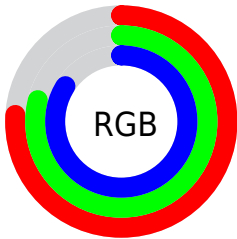
Format	Color
R _Y B	193, 199, 214
Decimal	12700374
CIE Lab	81.00, -0.73, -7.02
CIE LCh	81, 7.062, 264.099
Yxy	58.4711, 0.2976, 0.3147
Android (android.graphics.Color)	4290890454 (0xFFC1CAD6)
YUV	200.6770, 6.5682, -6.7327
Hunter-Lab	76.4664, -4.7588, -2.3229

Details

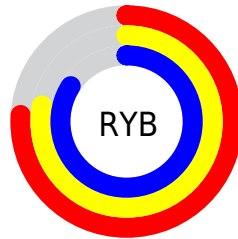
The CIELCh color `81, 7.062, 264.099` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 7.149, 81.439`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.735, 199.677`, and `61, 6.962, 262.353` is the 20% darker color. If you saturate the color by 10%, you get `76, 14.267, 265.634`, and if you desaturate by 10%, it is `86, 0.128, 80.130`.

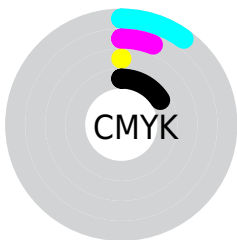
Distribution



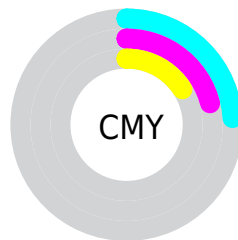
- Red (76%)
- Green (79%)
- Blue (84%)



- Red (76%)
- Yellow (78%)
- Blue (84%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 7.062, 264.099 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, 7.062, 264.099 by changing the saturation by 10% instead.

■ 81, 7.062, 264.099

■ 81, 7.062, 264.099

■ 100, 7.062,
264.099

■ 71, 7.062, 264.099

■ 61, 7.062, 264.099

■ 51, 7.062, 264.099

■ 41, 7.062, 264.099

■ 31, 7.062, 264.099

■ 21, 7.062, 264.099

■ 11, 7.062, 264.099

■ 1, 7.062, 264.099

■ 0, 7.062, 264.099

81, 7.062, 264.099

81, 7.062, 264.099

76, 14.267,
265.634

86, 0.128, 80.130

72, 21.478,
267.476

90, 7.284, 81.502

67, 28.686,
269.653

95, 14.001, 83.601

98, 18.770,
104.185

62, 35.893,
272.214

99, 20.690,
108.611

58, 43.122,
275.201

54, 50.416,
278.625

49, 57.840,
282.448

46, 65.451,
286.550

■ 42, 73.271,
290.655

Harmonies

Complementary

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



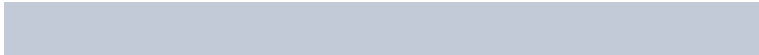
81, 7.062, 264.099



83, 7.149, 81.439

Rectangle

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



81, 7.062, 264.099



81, 7.062, 314.099



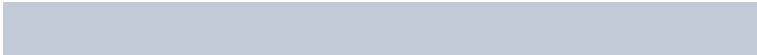
81, 7.062, 84.099



81, 7.062, 134.099

Sweetspot

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



81, 7.061, 264.085



98, 2.492, 263.257



84, 8.997, 166.596



52, 1.888, 263.332



0, 0.000, 0.000



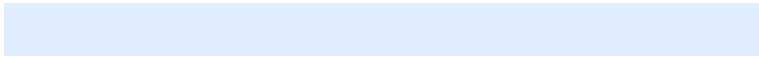
53, 0.007, 296.813

Same Dimension

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



81, 7.061, 264.085



93, 9.956, 264.417



79, 11.256, 293.703



43, 4.087, 264.031



33, 61.054, 290.048



6, 18.962, 278.790

Inverse Universe

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



80, 9.127, 348.506



92, 12.910, 348.735



85, 11.003, 111.957



42, 5.280, 348.467



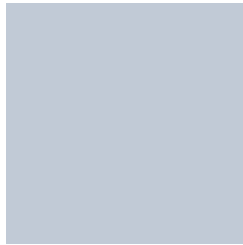
36, 62.578, 8.561



5, 22.920, 358.905

Previews

White Background



This preview shows how the CIELCh color 81, 7.062, 264.099 looks on a white background.

Color Contrast Check

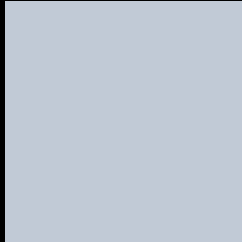
Large Text (above 18pt) WCAG AA × Fail

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, 7.062, 264.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

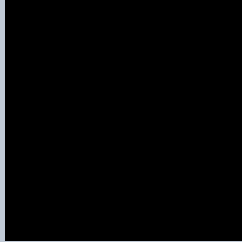
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

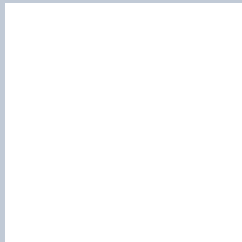
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 7.062, 264.099

Background



This preview shows how black text looks on a background with the CIELCh color 81, 7.062, 264.099.

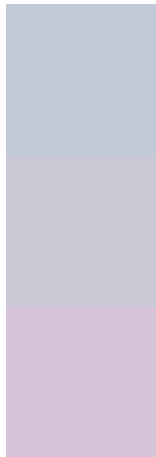


This preview shows how white text looks on a background with the CIELCh color 81, 7.062, 264.099.

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

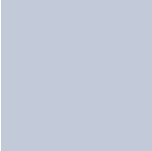
81, 7.062, 264.099

Protanopia

81, 6.930, 293.741

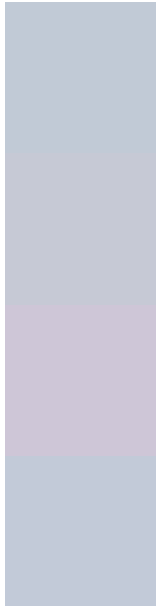
Deuteranopia

81, 12.703, 323.558



Tritanopia
81, 8.392, 271.388

Trichromacy



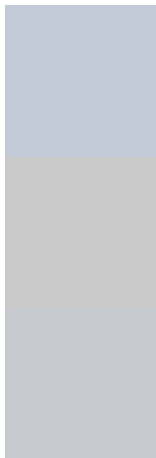
Original Color
81, 7.062, 264.099

Protanomaly
81, 6.450, 281.254

Deuteranomaly
81, 9.525, 308.384

Tritanomaly
81, 7.896, 270.017

Monochromacy



Original Color
81, 7.062, 264.099

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.858, 268.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 7.062, 264.099 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(193, 202, 214)` looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 214)  
}
```

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(193, 202, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 7.062, 264.099 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(193, 202, 214) }
```

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

```
.border{ border-color:rgb(193, 202, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 202, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(193, 202,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 7.062, 264.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 214) }
```

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

```
.background{ background-color: rgb(193,  
202, 214) }
```

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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