

Converting Colors

CIELCh(81, 7.026, 251.701)

Have a look what the booklet for
CIELCh(81, 7.026, 251.701) contains.

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Color

CIELCh(81, 6.931, 249.415)

Conversions

Conversions Part 1

Format	Color
Hex	BECBD5
RGB	190, 203, 213
RGB Percent	75%, 80%, 84%
CMY	0.2548, 0.2039, 0.1647
CMYK	0.11, 0.05, 0.00, 0.16
HSL	206°, 21%, 79%
HSV	206°, 11%, 84%
XYZ	54.6089, 58.4711, 71.3663
YIQ	200.2530, -10.9580, 0.3540

Conversions

Conversions Part 2

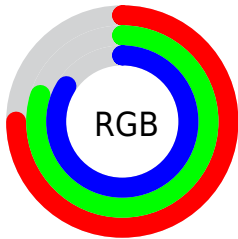
Format	Color
R_{YB}	190, 198, 213
Decimal	12504021
CIE _{Lab}	81.00, -2.44, -6.49
CIE _{LCh}	81, 6.931, 249.415
Yxy	58.4711, 0.2961, 0.3170
Android (android.graphics.Color)	4290694101 (0xFFBECBD5)
YUV	200.2530, 6.2843, -8.9919
Hunter-Lab	76.4664, -6.3394, -1.8091

Details

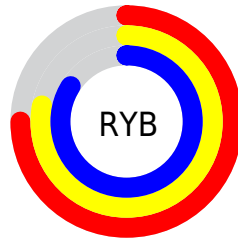
The CIELCh color $81, 6.931, 249.415$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 7.194, 66.775$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.114, 199.421$, and $61, 6.649, 248.958$ is the 20% darker color. If you saturate the color by 10%, you get $77, 13.194, 250.838$, and if you desaturate by 10%, it is $85, 0.522, 248.954$.

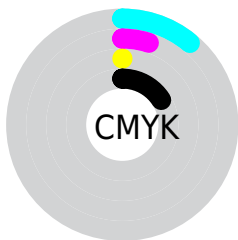
Distribution



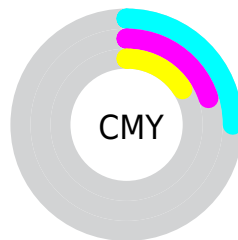
- Red (75%)
- Green (80%)
- Blue (84%)



- Red (75%)
- Yellow (78%)
- Blue (84%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (25%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 6.931, 249.415 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, 6.931, 249.415 by changing the saturation by 10% instead.

■ 81, 6.931, 249.415

■ 81, 6.931, 249.415

■ 100, 6.931,
249.415

■ 71, 6.931, 249.415

■ 61, 6.931, 249.415

■ 51, 6.931, 249.415

■ 41, 6.931, 249.415

■ 31, 6.931, 249.415

■ 21, 6.931, 249.415

■ 11, 6.931, 249.415

■ 1, 6.931, 249.415

■ 0, 6.931, 249.415

81, 6.931, 249.415

81, 6.931, 249.415

77, 13.194,
250.838

85, 0.522, 248.954

73, 19.274,
252.599

89, 5.991, 67.016

69, 25.130,
254.735

93, 12.577, 66.190

66, 30.733,
257.313

98, 18.537,
102.209

62, 36.075,
260.401

99, 21.215,
108.571

59, 41.184,
264.046

56, 46.131,
268.246

53, 51.038,
272.917

■ 50, 55.669,
277.369

Harmonies

Complementary

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



81, 6.931, 249.415



81, 7.194, 66.775

Rectangle

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



81, 6.931, 249.415



81, 6.931, 299.415



81, 6.931, 69.415



81, 6.931, 119.415

Sweetspot

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



81, 6.930, 249.400



99, 2.250, 248.591



83, 10.861, 159.403



52, 1.703, 248.639



0, 0.000, 0.000



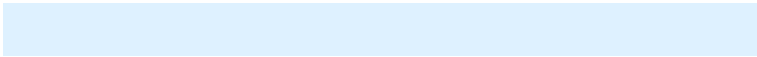
53, 0.007, 296.813

Same Dimension

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



81, 6.930, 249.400



94, 9.631, 249.708



78, 11.508, 288.550



43, 3.665, 249.227



40, 46.599, 276.561



8, 15.607, 265.554

Inverse Universe

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



79, 10.965, 341.105



92, 15.312, 341.306



84, 11.262, 106.262



42, 5.782, 340.987



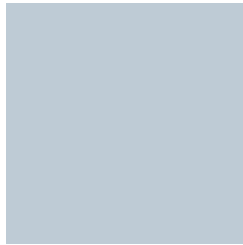
37, 63.903, 355.724



5, 24.293, 349.758

Previews

White Background



This preview shows how the CIELCh color 81, 6.931, 249.415 looks on a white background.

Color Contrast Check

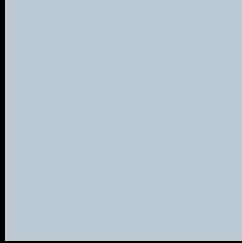
Large Text (above 18pt) WCAG AA × Fail

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, 6.931, 249.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

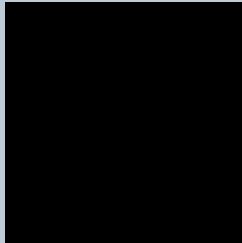
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

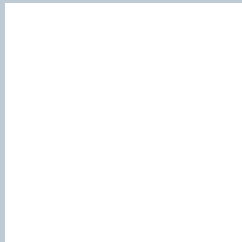
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 6.931, 249.415

Background



This preview shows how black text looks on a background with the CIELCh color 81, 6.931, 249.415.



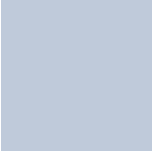
This preview shows how white text looks on a background with the CIELCh color 81, 6.931, 249.415.

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](#).

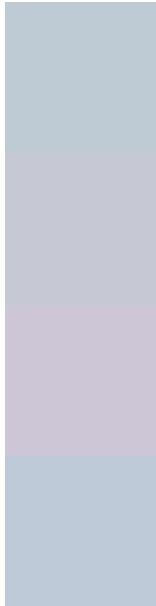
Dichromacy





Tritanopia
81, 9.246, 266.468

Trichromacy



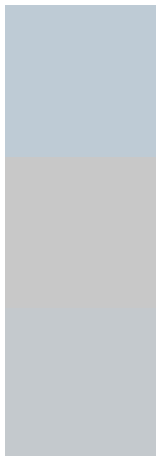
Original Color
81, 6.931, 249.415

Protanomaly
81, 5.927, 280.340

Deuteranomaly
81, 8.911, 307.200

Tritanomaly
81, 8.300, 263.239

Monochromacy



Original Color
81, 6.931, 249.415

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.767, 249.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 6.931, 249.415 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(190, 203, 213)` looks like.

```
.text, #text, p{  
    color:rgb(190, 203, 213)  
}
```

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(190, 203, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 203, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 6.931, 249.415 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(190, 203, 213) }
```

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

```
.border{ border-color:rgb(190, 203, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 203, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 203, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 203, 213);  
box-shadow:4px 4px 4px 4px rgb(190, 203,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 6.931, 249.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 203, 213) }
```

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

```
.background{ background-color: rgb(190,  
203, 213) }
```

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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