

Converting Colors

CIELCh(81, 7.736, 251.359)

Have a look what the booklet for
CIELCh(81, 7.736, 251.359) contains.

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Color

CIELCh(81, 7.947, 252.740)

Conversions

Conversions Part 1

Format	Color
Hex	BDCBD7
RGB	189, 203, 215
RGB Percent	74%, 80%, 84%
CMY	0.2586, 0.2037, 0.1567
CMYK	0.12, 0.06, 0.00, 0.16
HSL	208°, 25%, 79%
HSV	208°, 12%, 84%
XYZ	54.6401, 58.4711, 72.7314
YIQ	200.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

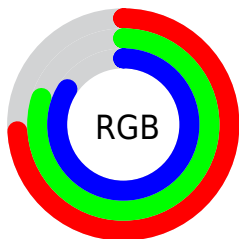
Format	Color
RYB	189, 198, 215
Decimal	12438487
CIELab	81.00, -2.36, -7.59
CIElCh	81, 7.947, 252.740
Yxy	58.4711, 0.2940, 0.3146
Android (android.graphics.Color)	4290628567 (0xFFBDCBD7)
YUV	200.1820, 7.3053, -9.8066
Hunter-Lab	76.4664, -6.2667, -2.8675

Details

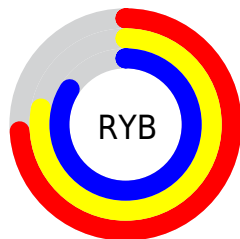
The CIELCh color $81, 7.947, 252.740$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 8.248, 69.674$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.457, 199.378$, and $61, 7.715, 252.735$ is the 20% darker color. If you saturate the color by 10%, you get $77, 14.385, 254.260$, and if you desaturate by 10%, it is $85, 1.389, 251.673$.

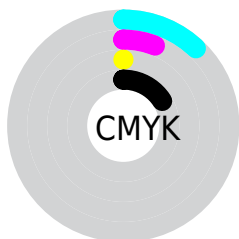
Distribution



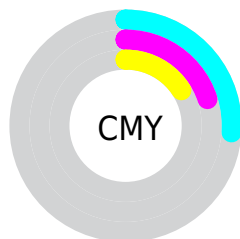
- Red (74%)
- Green (80%)
- Blue (84%)



- Red (74%)
- Yellow (78%)
- Blue (84%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (26%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 7.947, 252.740 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, 7.947, 252.740 by changing the saturation by 10% instead.

■ 81, 7.947, 252.740

■ 81, 7.947, 252.740

■ 100, 7.947,
252.740

■ 71, 7.947, 252.740

■ 61, 7.947, 252.740

■ 51, 7.947, 252.740

■ 41, 7.947, 252.740

■ 31, 7.947, 252.740

■ 21, 7.947, 252.740

■ 11, 7.947, 252.740

■ 1, 7.947, 252.740

■ 0, 7.947, 252.740

81, 7.947, 252.740

81, 7.947, 252.740

77, 14.385,
254.260

85, 1.389, 251.673

73, 20.669,
256.118

89, 5.253, 70.192

69, 26.769,
258.355

93, 11.948, 69.305

65, 32.663,
261.036

99, 19.064,
106.136

61, 38.356,
264.220

99, 20.190,
108.649

58, 43.885,
267.939

54, 49.333,
272.171

51, 54.819,
276.807

■ 49, 59.291,
280.530

Harmonies

Complementary

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



81, 7.947, 252.740



82, 8.248, 69.674

Rectangle

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



81, 7.947, 252.740



81, 7.947, 302.740



81, 7.947, 72.740



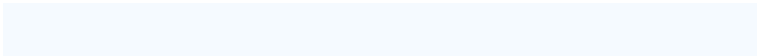
81, 7.947, 122.740

Sweetspot

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



81, 7.946, 252.727



98, 3.042, 251.764



84, 12.108, 160.102



52, 2.160, 251.834



0, 0.000, 0.000



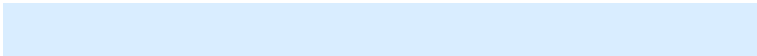
53, 0.007, 296.813

Same Dimension

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



81, 7.946, 252.727



93, 11.290, 253.163



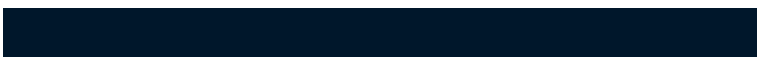
78, 13.250, 289.429



43, 3.727, 252.371



39, 49.210, 279.717



7, 16.245, 268.840

Inverse Universe

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



79, 12.165, 342.582



90, 17.383, 342.856



85, 12.924, 106.887



42, 5.676, 342.345



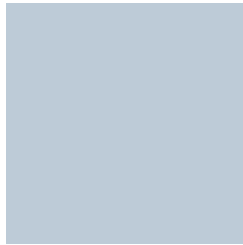
37, 63.356, 358.142



5, 23.954, 351.630

Previews

White Background



This preview shows how the CIELCh color 81, 7.947, 252.740 looks on a white background.

Color Contrast Check

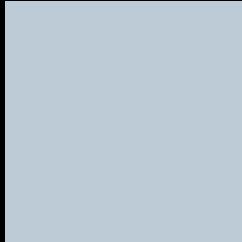
Large Text (above 18pt) WCAG AA × Fail

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, 7.947, 252.740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

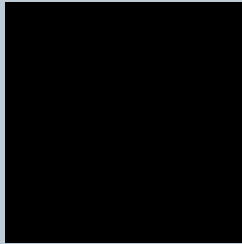
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

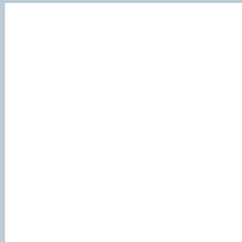
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 7.947, 252.740

Background



This preview shows how black text looks on a background with the CIELCh color 81, 7.947, 252.740.

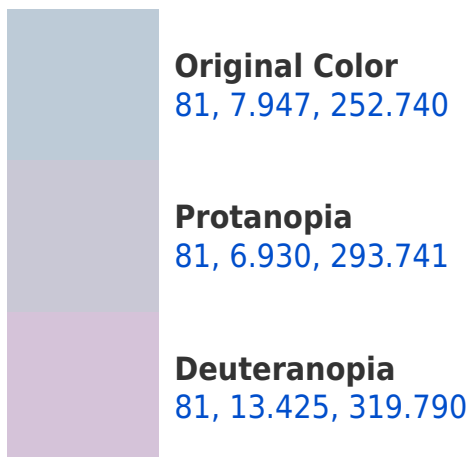


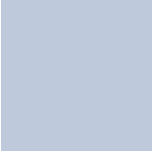
This preview shows how white text looks on a background with the CIELCh color 81, 7.947, 252.740.

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](#).

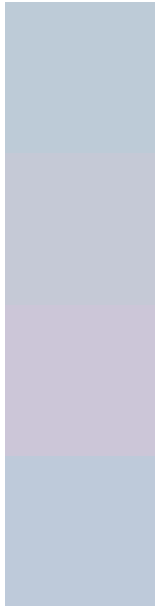
Dichromacy





Tritanopia
81, 9.859, 266.003

Trichromacy



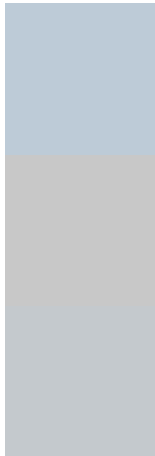
Original Color
81, 7.947, 252.740

Protanomaly
81, 7.029, 279.190

Deuteranomaly
81, 9.848, 303.506

Tritanomaly
81, 9.385, 264.541

Monochromacy



Original Color
81, 7.947, 252.740

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, 7.947, 252.740 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(189, 203, 215)` looks like.

```
.text, #text, p{  
    color:rgb(189, 203, 215)  
}
```

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(189, 203, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 203, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 7.947, 252.740 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(189, 203, 215) }
```

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

```
.border{ border-color:rgb(189, 203, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 203, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 203, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 203, 215);  
box-shadow:4px 4px 4px 4px rgb(189, 203,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 7.947, 252.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 203, 215) }
```

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

```
.background{ background-color: rgb(189,  
203, 215) }
```

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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