

Converting Colors

CIELCh(81, 7.636, 198.640)

Have a look what the booklet for
CIELCh(81, 7.636, 198.640) contains.

CIELCh(81, 7.452, 198.926)	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, 7.452, 198.926)

Conversions

Conversions Part 1

Format	Color
Hex	B8CDCD
RGB	184, 205, 205
RGB Percent	72%, 80%, 80%
CMY	0.2772, 0.1948, 0.1948
CMYK	0.10, 0.00, 0.00, 0.19
HSL	180°, 17%, 76%
HSV	180°, 10%, 81%
XYZ	52.8112, 58.4711, 66.4655
YIQ	198.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

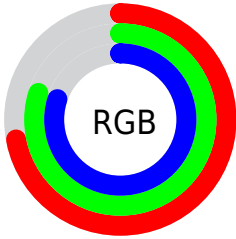
Format	Color
RYB	184, 195, 205
Decimal	12111309
CIELab	81.00, -7.05, -2.42
CIElCh	81, 7.452, 198.926
Yxy	58.4711, 0.2971, 0.3290
Android (android.graphics.Color)	4290301389 (0xFFB8CDCD)
YUV	198.7210, 3.0955, -12.9103
Hunter-Lab	76.4664, -10.5359, 1.9909

Details

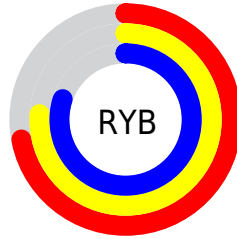
The CIELCh color $81, 7.452, 198.926$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 7.949, 19.979$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.163, 199.206$, and $61, 7.457, 198.770$ is the 20% darker color. If you saturate the color by 10%, you get $80, 14.317, 198.374$, and if you desaturate by 10%, it is $82, 0.172, 202.662$.

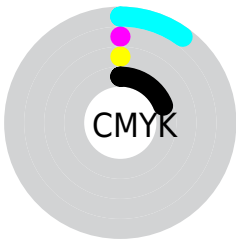
Distribution



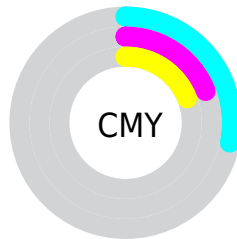
- Red (72%)
- Green (80%)
- Blue (80%)



- Red (72%)
- Yellow (76%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 7.452, 198.926 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, 7.452, 198.926 by changing the saturation by 10% instead.

■ 81, 7.452, 198.926

■ 81, 7.452, 198.926

■ 100, 7.452,
198.926

■ 71, 7.452, 198.926

■ 61, 7.452, 198.926

■ 51, 7.452, 198.926

■ 41, 7.452, 198.926

■ 31, 7.452, 198.926

■ 21, 7.452, 198.926

■ 11, 7.452, 198.926

■ 1, 7.452, 198.926

■ 0, 7.452, 198.926

81, 7.452, 198.926

81, 7.452, 198.926

80, 14.317,
198.374

82, 0.172, 202.662

79, 20.645,
197.905

84, 7.421, 19.878

78, 26.318,
197.496

86, 15.228, 20.513

77, 31.223,
197.149

87, 18.728, 20.787

76, 35.269,
196.866

87, 18.728, 20.782

76, 38.400,
196.651

87, 18.728, 20.777

75, 40.604,
196.499

87, 18.728, 20.773

75, 41.930,
196.408

87, 18.728, 20.768

87, 18.728, 20.763

■ 75, 42.569,
196.363

Harmonies

Complementary

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



81, 7.452, 198.926



77, 7.949, 19.979

Rectangle

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



81, 7.452, 198.926



81, 7.452, 248.926



81, 7.452, 18.926



81, 7.452, 68.926

Sweetspot

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



81, 7.453, 198.913



99, 2.650, 199.475



80, 13.581, 143.427



53, 2.005, 199.378



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, 7.453, 198.913



98, 10.369, 198.802



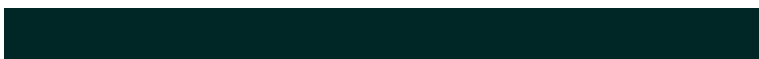
78, 6.590, 254.966



42, 4.119, 198.964



62, 36.305, 196.363



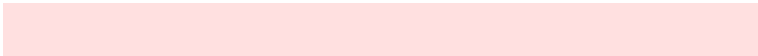
13, 13.515, 196.368

Inverse Universe

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



77, 7.949, 19.979



92, 11.200, 20.133



79, 6.770, 72.316



40, 4.369, 19.913



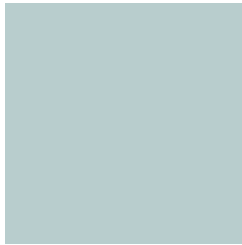
34, 75.547, 39.817



4, 17.910, 19.397

Previews

White Background



This preview shows how the CIELCh color 81, 7.452, 198.926 looks on a white background.

Color Contrast Check

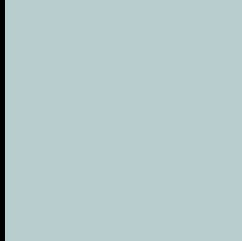
Large Text (above 18pt) WCAG AA × Fail

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, 7.452, 198.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

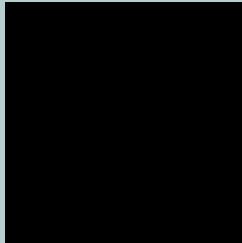
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

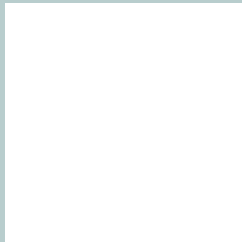
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 7.452, 198.926

Background



This preview shows how black text looks on a background with the CIELCh color 81, 7.452, 198.926.

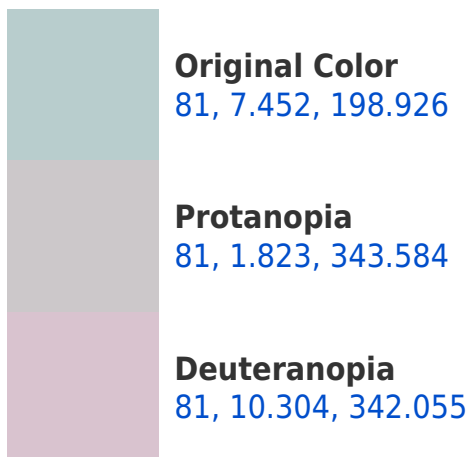


This preview shows how white text looks on a background with the CIELCh color 81, 7.452, 198.926.

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](#).

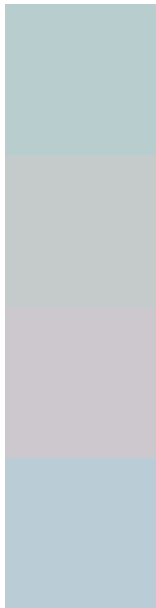
Dichromacy





Tritanopia
81, 10.025, 257.449

Trichromacy



Original Color
81, 7.452, 198.926

Protanomaly
81, 1.879, 216.005

Deuteranomaly
81, 4.341, 320.596

Tritanomaly
81, 8.128, 240.039

Monochromacy



Original Color
81, 7.452, 198.926

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.533, 199.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 7.452, 198.926 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(184, 205, 205)` looks like.

```
.text, #text, p{  
    color:rgb(184, 205, 205)  
}
```

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(184, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 205, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 7.452, 198.926 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(184, 205, 205) }
```

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

```
.border{ border-color:rgb(184, 205, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 205, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(184, 205,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 7.452, 198.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 205, 205) }
```

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

```
.background{ background-color: rgb(184,  
205, 205) }
```

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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