

Converting Colors

CIE LCh(81, 8.110, 223.281)

Have a look what the booklet for
CIELCh(81, 8.110, 223.281) contains.

CIELCh(81, 7.948, 222.688)	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, 7.948, 222.688)

Conversions

Conversions Part 1

Format	Color
Hex	B8CDD3
RGB	184, 205, 211
RGB Percent	72%, 80%, 83%
CMY	0.2789, 0.1966, 0.1731
CMYK	0.13, 0.03, 0.00, 0.17
HSL	193°, 23%, 77%
HSV	193°, 13%, 83%
XYZ	53.2777, 58.4711, 70.0197
YIQ	199.4050, -14.4420, -2.5860

Conversions

Conversions Part 2

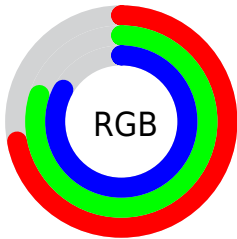
Format	Color
RYB	184, 196, 211
Decimal	12111315
CIELab	81.00, -5.84, -5.39
CIELCh	81, 7.948, 222.688
Yxy	58.4711, 0.2931, 0.3217
Android (android.graphics.Color)	4290301395 (0xFFB8CDD3)
YUV	199.4050, 5.7163, -13.5102
Hunter-Lab	76.4664, -9.4468, -0.7649

Details

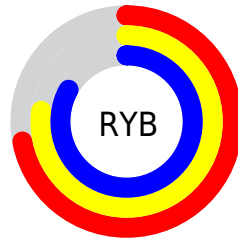
The CIELCh color $81, 7.948, 222.688$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 8.607, 41.650$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.163, 199.206$, and $61, 7.986, 223.948$ is the 20% darker color. If you saturate the color by 10%, you get $78, 13.755, 223.259$, and if you desaturate by 10%, it is $84, 1.784, 222.478$.

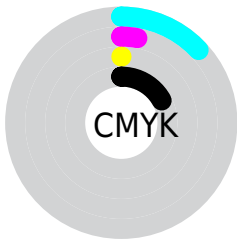
Distribution



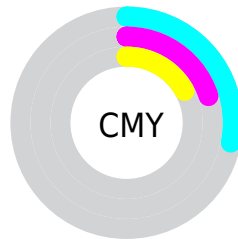
- Red (72%)
- Green (80%)
- Blue (83%)



- Red (72%)
- Yellow (77%)
- Blue (83%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (28%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 7.948, 222.688 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, 7.948, 222.688 by changing the saturation by 10% instead.

■ 81, 7.948, 222.688

■ 81, 7.948, 222.688

■ 100, 7.948,
222.688

■ 71, 7.948, 222.688

■ 61, 7.948, 222.688

■ 51, 7.948, 222.688

■ 41, 7.948, 222.688

■ 31, 7.948, 222.688

■ 21, 7.948, 222.688

■ 11, 7.948, 222.688

■ 1, 7.948, 222.688

■ 0, 7.948, 222.688

81, 7.948, 222.688

81, 7.948, 222.688

78, 13.755,
223.259

84, 1.784, 222.478

76, 19.117,
224.085

87, 4.660, 41.743

73, 23.940,
225.200

89, 11.313, 41.616

71, 28.135,
226.671

91, 13.492, 49.099

69, 31.631,
228.581

92, 13.455, 61.485

67, 34.393,
231.018

94, 14.041, 73.343

65, 36.438,
234.069

95, 15.172, 83.799

64, 37.864,
237.787

96, 16.734, 92.511

97, 18.612, 99.559

■ 63, 38.668,
240.775

Harmonies

Complementary

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



81, 7.948, 222.688



78, 8.607, 41.650

Rectangle

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



81, 7.948, 222.688



81, 7.948, 272.688



81, 7.948, 42.688



81, 7.948, 92.688

Sweetspot

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



81, 7.948, 222.674



99, 2.961, 222.429



82, 15.010, 150.276



52, 2.100, 222.425



0, 0.000, 0.000



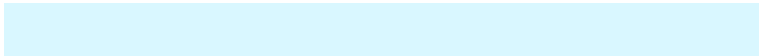
53, 0.007, 296.813

Same Dimension

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



81, 7.948, 222.674



95, 10.796, 222.791



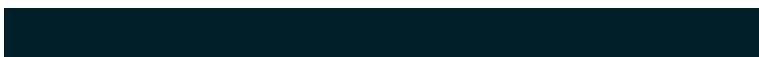
77, 10.660, 276.604



43, 3.529, 222.532



51, 32.604, 240.029



10, 12.214, 230.720

Inverse Universe

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



78, 15.007, 332.107



91, 20.541, 332.266



82, 10.606, 93.348



41, 6.591, 331.878



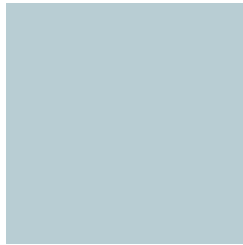
38, 71.407, 339.437



5, 26.204, 336.734

Previews

White Background



This preview shows how the CIELCh color 81, 7.948, 222.688 looks on a white background.

Color Contrast Check

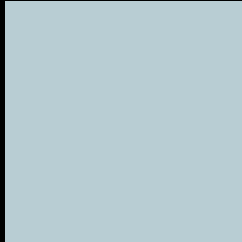
Large Text (above 18pt) WCAG AA × Fail

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, 7.948, 222.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

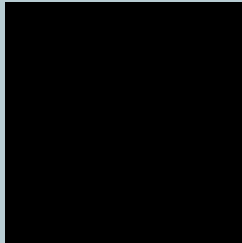
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

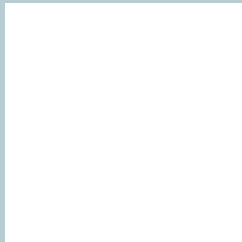
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 7.948, 222.688

Background



This preview shows how black text looks on a background with the CIELCh color 81, 7.948, 222.688.



This preview shows how white text looks on a background with the CIELCh color 81, 7.948, 222.688.

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, 10.817, 256.061

Trichromacy



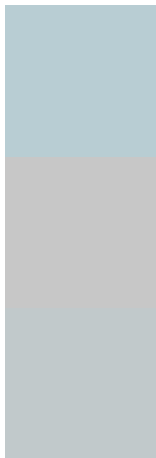
Original Color
81, 7.948, 222.688

Protanomaly
81, 4.444, 256.353

Deuteranomaly
81, 7.171, 305.240

Tritanomaly
81, 9.415, 246.456

Monochromacy



Original Color
81, 7.948, 222.688

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 3.056, 219.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 7.948, 222.688 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(184, 205, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 205, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 7.948, 222.688 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, 211) }
```

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

```
.border{ border-color:rgb(184, 205, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(184, 205,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 7.948, 222.688 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, 211) }
```

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

```
.background{ background-color: rgb(184,  
205, 211) }
```

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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