

Converting Colors

CIELCh(81, 8.039, 205.187)

Have a look what the booklet for
CIELCh(81, 8.039, 205.187) contains.

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Color

CIELCh(81, 8.123, 202.639)

Conversions

Conversions Part 1

Format	Color
Hex	B7CECF
RGB	183, 206, 207
RGB Percent	72%, 81%, 81%
CMY	0.2838, 0.1936, 0.1897
CMYK	0.12, 0.00, 0.00, 0.19
HSL	182°, 20%, 76%
HSV	182°, 12%, 81%
XYZ	52.6387, 58.4711, 67.3031
YIQ	199.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

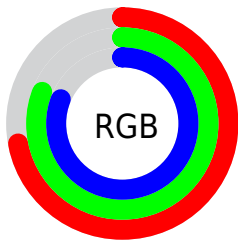
Format	Color
RYB	183, 195, 207
Decimal	12046031
CIELab	81.00, -7.50, -3.13
CIELCh	81, 8.123, 202.639
Yxy	58.4711, 0.2950, 0.3277
Android (android.graphics.Color)	4290236111 (0xFFB7CECF)
YUV	199.2370, 3.8272, -14.2398
Hunter-Lab	76.4664, -10.9385, 1.3415

Details

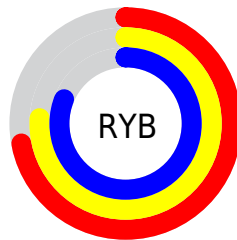
The CIELCh color `81, 8.123, 202.639` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 8.756, 23.542`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 5.502, 199.177`, and `61, 8.147, 202.688` is the 20% darker color. If you saturate the color by 10%, you get `79, 14.668, 202.263`, and if you desaturate by 10%, it is `83, 1.155, 203.441`.

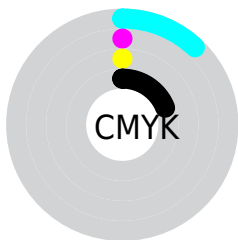
Distribution



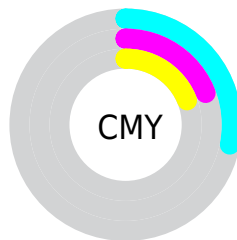
- Red (72%)
- Green (81%)
- Blue (81%)



- Red (72%)
- Yellow (76%)
- Blue (81%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.123, 202.639 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, 8.123, 202.639 by changing the saturation by 10% instead.

■ 81, 8.123, 202.639

■ 81, 8.123, 202.639

■ 100, 8.123,
202.639

■ 71, 8.123, 202.639

■ 61, 8.123, 202.639

■ 51, 8.123, 202.639

■ 41, 8.123, 202.639

■ 31, 8.123, 202.639

■ 21, 8.123, 202.639

■ 11, 8.123, 202.639

■ 1, 8.123, 202.639

■ 0, 8.123, 202.639

81, 8.123, 202.639

81, 8.123, 202.639

79, 14.668,
202.263

83, 1.155, 203.441

78, 20.673,
201.992

85, 6.134, 23.293

77, 26.024,
201.813

87, 13.654, 23.817

76, 30.609,
201.739

88, 17.074, 26.338

75, 34.337,
201.784

88, 16.810, 27.912

74, 37.152,
201.961

88, 16.559, 29.535

74, 39.042,
202.282

88, 16.322, 31.206

73, 40.061,
202.754

89, 16.100, 32.926

■ 73, 40.411,
203.248

Harmonies

Complementary

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



81, 8.123, 202.639



77, 8.756, 23.542

Rectangle

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



81, 8.123, 202.639



81, 8.123, 252.639



81, 8.123, 22.639



81, 8.123, 72.639

Sweetspot

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



81, 8.124, 202.627



99, 2.543, 203.152



81, 15.241, 144.658



53, 1.924, 203.064



0, 0.000, 0.000



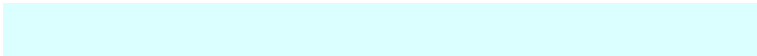
53, 0.007, 296.813

Same Dimension

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



81, 8.124, 202.627



97, 11.535, 202.524



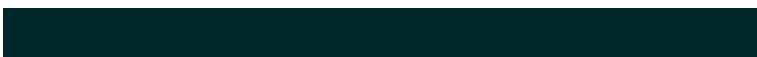
78, 7.834, 260.549



43, 4.032, 202.724



60, 34.717, 203.144



13, 13.411, 201.767

Inverse Universe

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



77, 15.177, 326.199



91, 21.730, 326.346



80, 8.009, 77.450



41, 7.479, 326.072



39, 81.966, 329.943



6, 30.147, 329.199

Previews

White Background



This preview shows how the CIELCh color 81, 8.123, 202.639 looks on a white background.

Color Contrast Check

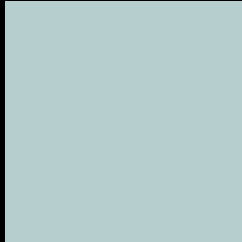
Large Text (above 18pt) WCAG AA × Fail

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, 8.123, 202.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

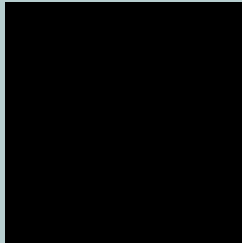
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

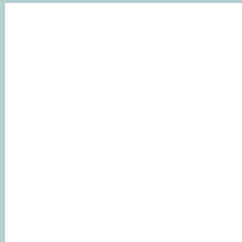
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 8.123, 202.639

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.123, 202.639.

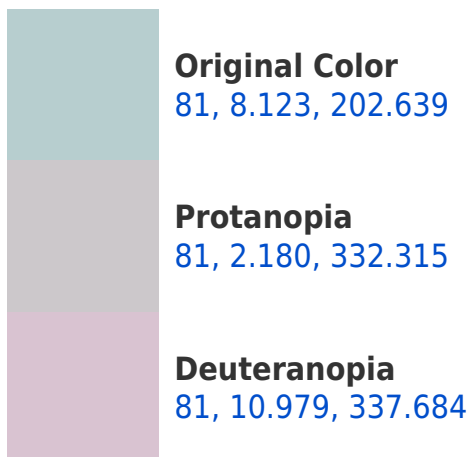


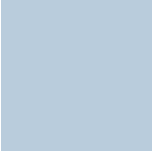
This preview shows how white text looks on a background with the CIELCh color 81, 8.123, 202.639.

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](#).

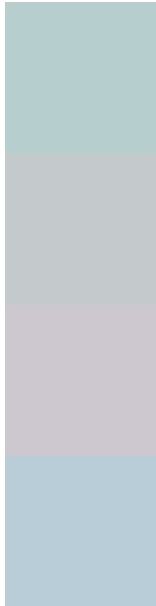
Dichromacy





Tritanopia
81, 10.582, 252.778

Trichromacy



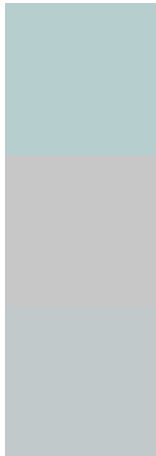
Original Color
81, 8.123, 202.639

Protanomaly
81, 2.397, 225.826

Deuteranomaly
81, 5.285, 314.813

Tritanomaly
81, 8.913, 235.713

Monochromacy



Original Color
81, 8.123, 202.639

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.927, 209.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.123, 202.639 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(183, 206, 207)` looks like.

```
.text, #text, p{  
    color:rgb(183, 206, 207)  
}
```

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(183, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 206, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.123, 202.639 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(183, 206, 207) }
```

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

```
.border{ border-color:rgb(183, 206, 207) }
```

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

Here you see how a box with a 4 pixel rgb(183, 206, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(183, 206,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.123, 202.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 206, 207) }
```

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

```
.background{ background-color: rgb(183,  
206, 207) }
```

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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