

Converting Colors

CIELCh(81, 7.797, 198.897)

Have a look what the booklet for
CIELCh(81, 7.797, 198.897) contains.

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Color

CIELCh(81, 7.791, 198.900)

Conversions

Conversions Part 1

Format	Color
Hex	B8CECE
RGB	184, 206, 206
RGB Percent	72%, 81%, 81%
CMY	0.2803, 0.1941, 0.1941
CMYK	0.11, 0.00, 0.00, 0.19
HSL	180°, 18%, 76%
HSV	180°, 11%, 81%
XYZ	52.6873, 58.4711, 66.5909
YIQ	199.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

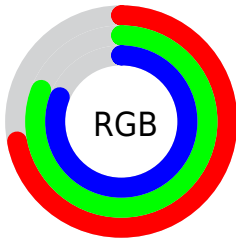
Format	Color
RYB	184, 195, 206
Decimal	12111566
CIELab	81.00, -7.37, -2.52
CIELCh	81, 7.791, 198.900
Yxy	58.4711, 0.2964, 0.3290
Android (android.graphics.Color)	4290301646 (0xFFB8CECE)
YUV	199.4220, 3.2430, -13.5251
Hunter-Lab	76.4664, -10.8252, 1.8937

Details

The CIELCh color `81, 7.791, 198.900` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 8.337, 20.019`, 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, 7.808, 198.739` is the 20% darker color. If you saturate the color by 10%, you get `80, 14.638, 198.353`, and if you desaturate by 10%, it is `82, 0.522, 200.435`.

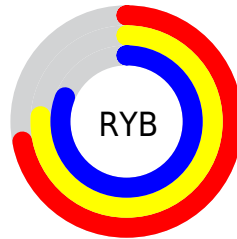
Distribution



Red (72%)

Green (81%)

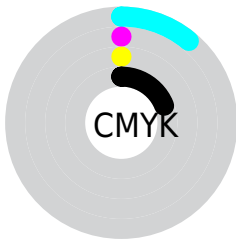
Blue (81%)



Red (72%)

Yellow (76%)

Blue (81%)

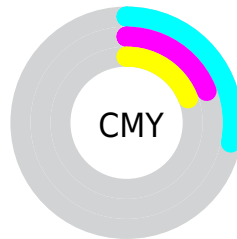


Cyan (11%)

Magenta (0%)

Yellow (0%)

Black (19%)



Cyan (28%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 7.791, 198.900 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, 7.791, 198.900 by changing the saturation by 10% instead.

■ 81, 7.791, 198.900

■ 81, 7.791, 198.900

■ 100, 7.791,
198.900

■ 71, 7.791, 198.900

■ 61, 7.791, 198.900

■ 51, 7.791, 198.900

■ 41, 7.791, 198.900

■ 31, 7.791, 198.900

■ 21, 7.791, 198.900

■ 11, 7.791, 198.900

■ 1, 7.791, 198.900

■ 0, 7.791, 198.900

81, 7.791, 198.900

81, 7.791, 198.900

80, 14.638,
198.353

82, 0.522, 200.435

79, 20.943,
197.887

84, 7.063, 19.849

78, 26.586,
197.481

86, 14.868, 20.486

77, 31.456,
197.137

87, 18.653, 20.783

87, 18.653, 20.779

76, 35.463,
196.858

87, 18.652, 20.775

87, 18.652, 20.771

76, 38.551,
196.645

87, 18.652, 20.767

87, 18.652, 20.763

75, 40.713,
196.497

75, 42.001,
196.409

■ 75, 42.598,
196.368

Harmonies

Complementary

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



81, 7.791, 198.900



76, 8.337, 20.019

Rectangle

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



81, 7.791, 198.900



81, 7.791, 248.900



81, 7.791, 18.900



81, 7.791, 68.900

Sweetspot

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



81, 7.792, 198.888



99, 2.650, 199.477



80, 14.221, 143.397



53, 2.005, 199.380



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, 7.792, 198.888



98, 11.202, 198.747



78, 6.896, 255.030



42, 4.119, 198.967



62, 36.304, 196.368



13, 13.515, 196.372

Inverse Universe

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



76, 8.337, 20.019



91, 12.182, 20.218



79, 7.095, 72.261



40, 4.369, 19.915



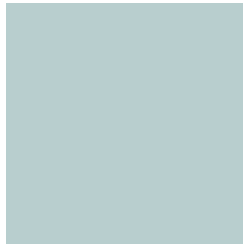
34, 75.549, 39.818



4, 17.910, 19.399

Previews

White Background



This preview shows how the CIELCh color 81, 7.791, 198.900 looks on a white background.

Color Contrast Check

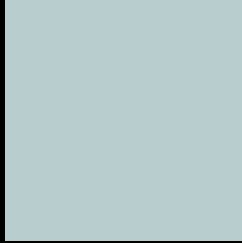
Large Text (above 18pt) WCAG AA × Fail

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, 7.791, 198.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

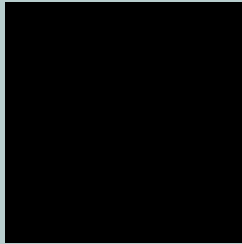
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

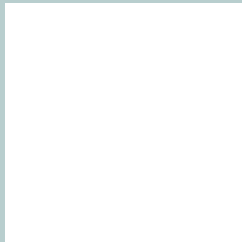
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 7.791, 198.900

Background



This preview shows how black text looks on a background with the CIELCh color 81, 7.791, 198.900.



This preview shows how white text looks on a background with the CIELCh color 81, 7.791, 198.900.

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](#).

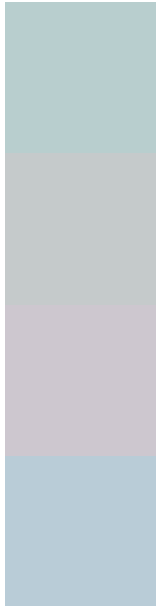
Dichromacy





Tritanopia
81, 10.637, 257.578

Trichromacy



Original Color
81, 7.791, 198.900

Protanomaly
81, 1.879, 216.005

Deuteranomaly
81, 4.806, 317.416

Tritanomaly
81, 8.711, 241.359

Monochromacy



Original Color
81, 7.791, 198.900

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.892, 199.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 7.791, 198.900 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, 206, 206)` looks like.

```
.text, #text, p{  
    color:rgb(184, 206, 206)  
}
```

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, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 206, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 7.791, 198.900 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, 206, 206) }
```

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

```
.border{ border-color:rgb(184, 206, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 206, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(184, 206,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 7.791, 198.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 206, 206) }
```

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

```
.background{ background-color: rgb(184,  
206, 206) }
```

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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