

Converting Colors

CIELCh(81, 10.801, 179.045)

Have a look what the booklet for
CIELCh(81, 10.801, 179.045)
contains.

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Color

CIELCh(81, 10.719, 178.316)

Conversions

Conversions Part 1

Format	Color
Hex	B3CFC8
RGB	179, 207, 200
RGB Percent	70%, 81%, 78%
CMY	0.2975, 0.1877, 0.2151
CMYK	0.14, 0.00, 0.03, 0.19
HSL	165°, 23%, 76%
HSV	165°, 14%, 81%
XYZ	51.4111, 58.4711, 63.3060
YIQ	197.8300, -14.4410, -8.1130

Conversions

Conversions Part 2

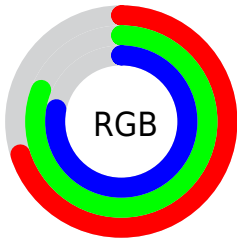
Format	Color
RYB	179, 195, 207
Decimal	11784136
CIELab	81.00, -10.71, 0.32
CIElCh	81, 10.719, 178.316
Yxy	58.4711, 0.2969, 0.3376
Android (android.graphics.Color)	4289974216 (0xFFB3CFC8)
YUV	197.8300, 1.0698, -16.5139
Hunter-Lab	76.4664, -13.8043, 4.4407

Details

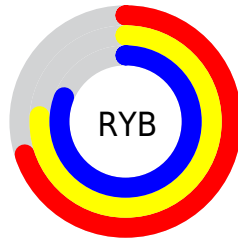
The CIELCh color **81, 10.719, 178.316** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **76, 11.222, 0.792**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.851, 199.068**, and **61, 10.938, 177.265** is the 20% darker color. If you saturate the color by 10%, you get **80, 18.382, 177.299**, and if you desaturate by 10%, it is **83, 2.816, 179.374**.

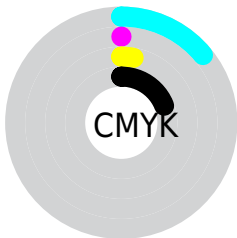
Distribution



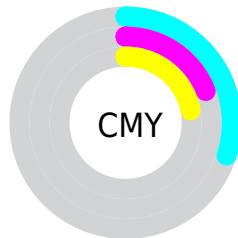
- Red (70%)
- Green (81%)
- Blue (78%)



- Red (70%)
- Yellow (76%)
- Blue (81%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)





- Cyan (30%)
- Magenta (19%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 10.719, 178.316 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, 10.719, 178.316 by changing the saturation by 10% instead.


 81, 10.719,
178.316


 81, 10.719,
178.316


 100, 10.719,
178.316


 71, 10.719,
178.316


 61, 10.719,
178.316

 51, 10.719,
178.316

 41, 10.719,
178.316

 31, 10.719,
178.316

 21, 10.719,
178.316

 11, 10.719,

178.316

■ 1, 10.719, 178.316

■ 0, 10.719, 178.316

■ 81, 10.719,
178.316

■ 81, 10.719,
178.316

■ 80, 18.382,
177.299

■ 83, 2.816, 179.374

■ 78, 25.678,
176.227

■ 84, 5.225, 359.978

■ 77, 32.474,
175.069

■ 86, 13.314, 0.876

■ 88, 18.936,
358.797

■ 76, 38.638,
173.804

■ 88, 19.979,
351.535

■ 76, 44.053,

172.406

88, 21.323,
345.116

75, 48.633,
170.852

88, 22.916,
339.554

75, 52.348,
169.119

88, 24.709,
334.788

74, 55.241,
167.198

88, 26.659,
330.726

74, 56.816,
165.898

Harmonies

Complementary

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



81, 10.719, 178.316



76, 11.222, 0.792

Rectangle

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



81, 10.719, 178.316



81, 10.719, 228.316



81, 10.719, 358.316



81, 10.719, 48.316

Sweetspot

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



81, 10.720, 178.310



99, 3.786, 179.303



81, 16.742, 136.185



53, 2.690, 179.209



0, 0.000, 0.000



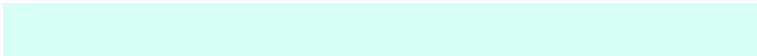
53, 0.007, 296.813

Same Dimension

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



81, 10.720, 178.310



97, 14.967, 178.044



79, 8.223, 224.119



43, 4.553, 178.719



61, 48.455, 166.224



14, 17.421, 170.821

Inverse Universe

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



76, 11.222, 0.792



89, 15.815, 1.094



77, 8.937, 42.903



41, 4.701, 0.342



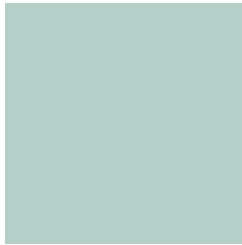
35, 65.782, 25.032



4, 20.334, 7.940

Previews

White Background



This preview shows how the CIELCh color 81, 10.719, 178.316 looks on a white background.

Color Contrast Check

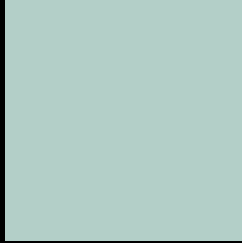
Large Text (above 18pt) WCAG AA × Fail

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, 10.719, 178.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

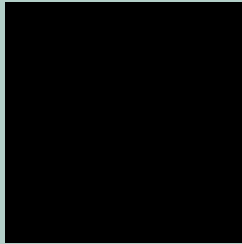
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

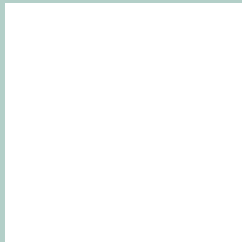
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 10.719, 178.316

Background



This preview shows how black text looks on a background with the CIELCh color 81, 10.719, 178.316.



This preview shows how white text looks on a background with the CIELCh color 81, 10.719, 178.316.

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



Original Color
81, 10.719, 178.316

Protanopia
81, 2.795, 68.532

Deuteranopia
81, 10.414, 352.970



Tritanopia
81, 10.991, 249.965

Trichromacy



Original Color
81, 10.719, 178.316

Protanomaly
81, 3.701, 153.577

Deuteranomaly
81, 2.732, 343.737

Tritanomaly
81, 8.965, 227.341

Monochromacy



Original Color
81, 10.719, 178.316

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 3.790, 182.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 10.719, 178.316 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(179, 207, 200)` looks like.

```
.text, #text, p{  
    color:rgb(179, 207, 200)  
}
```

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(179, 207, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 207, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 10.719, 178.316 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(179, 207, 200) }
```

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

```
.border{ border-color:rgb(179, 207, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 207, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 207, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 207, 200);  
box-shadow:4px 4px 4px 4px rgb(179, 207,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 10.719, 178.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 207, 200) }
```

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

```
.background{ background-color: rgb(179,  
207, 200) }
```

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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