

Converting Colors

CIELCh(82, 9.449, 198.740)

Have a look what the booklet for
CIELCh(82, 9.449, 198.740) contains.

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Color

CIELCh(82, 9.478, 198.771)

Conversions

Conversions Part 1

Format	Color
Hex	B6D1D1
RGB	182, 209, 209
RGB Percent	71%, 82%, 82%
CMY	0.2854, 0.1795, 0.1795
CMYK	0.13, 0.00, 0.00, 0.18
HSL	180°, 23%, 77%
HSV	180°, 13%, 82%
XYZ	53.7360, 60.2982, 69.2743
YIQ	200.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

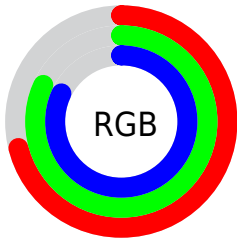
Format	Color
RYB	182, 196, 209
Decimal	11981265
CIELab	82.00, -8.97, -3.05
CIELCh	82, 9.478, 198.771
Yxy	60.2982, 0.2931, 0.3289
Android (android.graphics.Color)	4290171345 (0xFFB6D1D1)
YUV	200.9270, 3.9800, -16.5990
Hunter-Lab	77.6519, -12.3667, 1.4629

Details

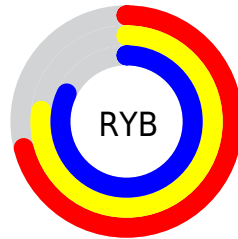
The CIELCh color **82, 9.478, 198.771** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **76, 10.292, 20.198**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.840, 199.149**, and **62, 9.552, 198.582** is the 20% darker color. If you saturate the color by 10%, you get **81, 16.314, 198.244**, and if you desaturate by 10%, it is **83, 2.188, 199.495**.

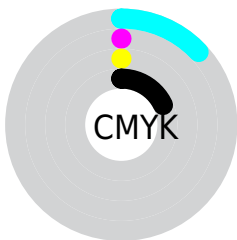
Distribution



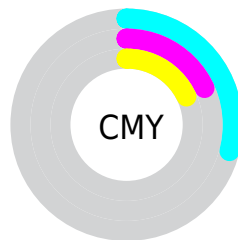
- Red (71%)
- Green (82%)
- Blue (82%)



- Red (71%)
- Yellow (77%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 9.478, 198.771 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 82, 9.478, 198.771 by changing the saturation by 10% instead.

■ 82, 9.478, 198.771

■ 82, 9.478, 198.771

■ 100, 9.478,
198.771

■ 72, 9.478, 198.771

■ 62, 9.478, 198.771

■ 52, 9.478, 198.771

■ 42, 9.478, 198.771

■ 32, 9.478, 198.771

■ 22, 9.478, 198.771

■ 12, 9.478, 198.771

■ 2, 9.478, 198.771

■ 0, 9.478, 198.771

82, 9.478, 198.771

82, 9.478, 198.771

81, 16.314,
198.244

83, 2.188, 199.495

80, 22.571,
197.791

85, 5.447, 19.696

87, 13.325, 20.350

79, 28.129,
197.398

88, 17.154, 20.647

78, 32.880,
197.068

88, 17.154, 20.643

88, 17.153, 20.639

77, 36.737,
196.804

88, 17.153, 20.634

77, 39.655,
196.606

88, 17.153, 20.630

88, 17.153, 20.626

76, 41.639,
196.473

76, 42.755,
196.397

■ 76, 43.173,
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.



82, 9.478, 198.771



76, 10.292, 20.198

Rectangle

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



82, 9.478, 198.771



82, 9.478, 248.771



82, 9.478, 18.771



82, 9.478, 68.771

Sweetspot

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



82, 9.479, 198.761



99, 3.526, 199.360



81, 17.425, 143.250



53, 2.501, 199.289



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 9.479, 198.761



97, 12.851, 198.637



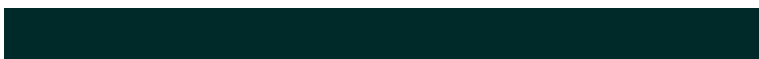
79, 8.427, 255.340



43, 4.203, 198.965



62, 36.715, 196.368



14, 14.039, 196.372

Inverse Universe

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



76, 10.292, 20.198



90, 14.168, 20.387



80, 8.731, 72.003



41, 4.460, 19.918



35, 76.450, 39.859



4, 20.018, 19.461

Previews

White Background



This preview shows how the CIELCh color 82, 9.478, 198.771 looks on a white background.

Color Contrast Check

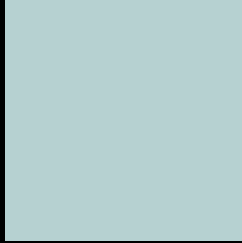
Large Text (above 18pt) WCAG AA × Fail

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 82, 9.478, 198.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

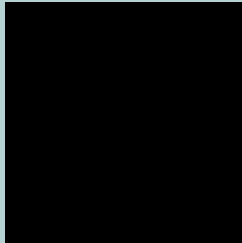
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 9.478, 198.771

Background



This preview shows how black text looks on a background with the CIELCh color 82, 9.478, 198.771.

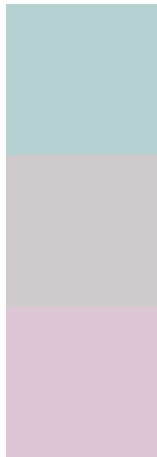


This preview shows how white text looks on a background with the CIELCh color 82, 9.478, 198.771.

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

82, 9.478, 198.771

Protanopia

82, 1.818, 343.579

Deuteranopia

82, 11.581, 337.006



Tritanopia
82, 11.178, 248.609

Trichromacy



Original Color
82, 9.478, 198.771

Protanomaly
82, 2.715, 222.439

Deuteranomaly
82, 5.633, 309.254

Tritanomaly
82, 9.716, 232.112

Monochromacy



Original Color
82, 9.478, 198.771

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.598, 199.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 9.478, 198.771 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(182, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(182, 209, 209)  
}
```

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(182, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 209, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 9.478, 198.771 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(182, 209, 209) }
```

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

```
.border{ border-color:rgb(182, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(182, 209,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 9.478, 198.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 209, 209) }
```

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

```
.background{ background-color: rgb(182,  
209, 209) }
```

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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