

Converting Colors

CIELCh(81, 18.178, 198.130)

Have a look what the booklet for
CIELCh(81, 18.178, 198.130)
contains.

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Color

CIELCh(81, 18.178, 198.126)

Conversions

Conversions Part 1

Format	Color
Hex	9DD3D3
RGB	157, 211, 211
RGB Percent	62%, 83%, 83%
CMY	0.3842, 0.1725, 0.1725
CMYK	0.26, 0.00, 0.00, 0.17
HSL	180°, 38%, 72%
HSV	180°, 26%, 83%
XYZ	48.9667, 58.4711, 70.3445
YIQ	194.8540, -32.1840, -11.4480

Conversions

Conversions Part 2

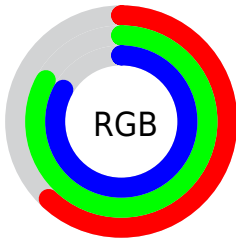
Format	Color
RYB	157, 184, 211
Decimal	10343379
CIELab	81.00, -17.28, -5.66
CIELCh	81, 18.178, 198.126
Yxy	58.4711, 0.2754, 0.3289
Android (android.graphics.Color)	4288533459 (0xFF9DD3D3)
YUV	194.8540, 7.9600, -33.1980
Hunter-Lab	76.4664, -19.5103, -1.0168

Details

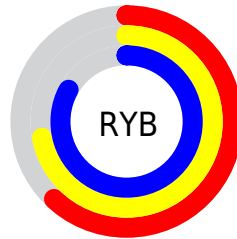
The CIELCh color **81, 18.178, 198.126** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 21.587, 21.395**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.050, 198.569**, and **61, 17.953, 199.640** is the 20% darker color. If you saturate the color by 10%, you get **80, 24.301, 197.685**, and if you desaturate by 10%, it is **82, 11.441, 198.620**.

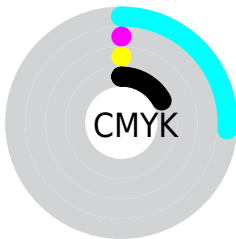
Distribution



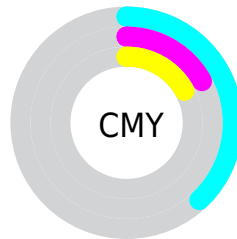
- Red (62%)
- Green (83%)
- Blue (83%)



- Red (62%)
- Yellow (72%)
- Blue (83%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)




- Cyan (38%)
- Magenta (17%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 18.178, 198.126 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, 18.178, 198.126 by changing the saturation by 10% instead.


 81, 18.178,
198.126


 81, 18.178,
198.126


 100, 18.178,
198.126


 71, 18.178,
198.126


 61, 18.178,
198.126

 51, 18.178,
198.126

 41, 18.178,
198.126

 31, 18.178,
198.126

 21, 18.178,
198.126

 11, 18.178,

198.126

■ 1, 18.178, 198.126

■ 0, 18.178, 198.126

■ 81, 18.178,
198.126

■ 81, 18.178,
198.126

■ 80, 24.301,
197.685

■ 82, 11.441,
198.620

■ 79, 29.688,
197.309

■ 84, 4.211, 199.229

■ 85, 3.394, 19.482

■ 78, 34.235,
196.997

■ 87, 11.271, 20.186

■ 78, 37.864,
196.751

■ 88, 16.436, 20.590

■ 77, 40.543,

■ 88, 16.436, 20.587

196.572

88, 16.436, 20.585

77, 42.293,
196.455

88, 16.436, 20.583

77, 43.201,
196.395

88, 16.436, 20.581

77, 43.448,
196.378

Harmonies

Complementary

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



81, 18.178, 198.126



70, 21.587, 21.395

Rectangle

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



81, 18.178, 198.126



81, 18.178, 248.126



81, 18.178, 18.126



81, 18.178, 68.126

Sweetspot

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



81, 18.179, 198.122



99, 6.985, 199.053



80, 34.892, 142.321



52, 4.945, 198.958



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, 18.179, 198.122



95, 25.123, 197.863



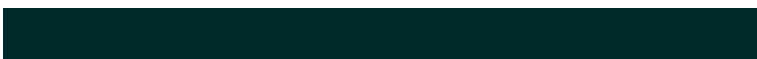
74, 16.665, 257.409



43, 4.203, 198.971



62, 36.714, 196.378



14, 14.039, 196.380

Inverse Universe

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



70, 21.587, 21.395



79, 31.155, 22.070



76, 17.994, 70.481



41, 4.460, 19.923



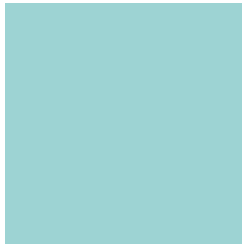
35, 76.453, 39.861



4, 20.018, 19.464

Previews

White Background



This preview shows how the CIELCh color 81, 18.178, 198.126 looks on a white background.

Color Contrast Check

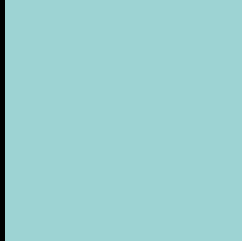
Large Text (above 18pt) WCAG AA × Fail

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, 18.178, 198.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

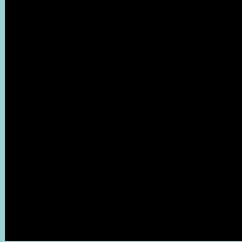
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

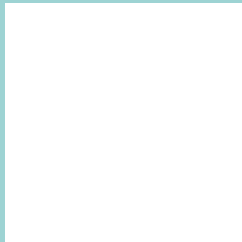
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 18.178, 198.126

Background



This preview shows how black text looks on a background with the CIELCh color 81, 18.178, 198.126.



This preview shows how white text looks on a background with the CIELCh color 81, 18.178, 198.126.

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

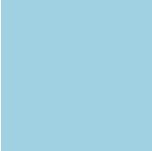
81, 18.178, 198.126

Protanopia

81, 3.054, 318.850

Deuteranopia

81, 12.263, 324.906



Tritanopia
81, 18.085, 228.594

Trichromacy



Original Color
81, 18.178, 198.126

Protanomaly
81, 6.343, 218.713

Deuteranomaly
81, 6.926, 266.715

Tritanomaly
81, 17.621, 217.806

Monochromacy



Original Color
81, 18.178, 198.126

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 7.129, 198.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 18.178, 198.126 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(157, 211, 211)` looks like.

```
.text, #text, p{  
    color:rgb(157, 211, 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(157, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 211, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 18.178, 198.126 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(157, 211, 211) }
```

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

```
.border{ border-color:rgb(157, 211, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 211, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 211, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 211, 211);  
box-shadow:4px 4px 4px 4px rgb(157, 211,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 18.178, 198.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 211, 211) }
```

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

```
.background{ background-color: rgb(157,  
211, 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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