

Converting Colors

CIELCh(81, 19.089, 197.963)

Have a look what the booklet for
CIELCh(81, 19.089, 197.963)
contains.

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Color

CIELCh(81, 19.089, 198.061)

Conversions

Conversions Part 1

Format	Color
Hex	9AD3D3
RGB	154, 211, 211
RGB Percent	60%, 83%, 83%
CMY	0.3942, 0.1706, 0.1707
CMYK	0.27, 0.00, 0.00, 0.17
HSL	180°, 40%, 72%
HSV	180°, 27%, 83%
XYZ	48.6476, 58.4711, 70.6658
YIQ	193.9570, -33.9720, -12.0840

Conversions

Conversions Part 2

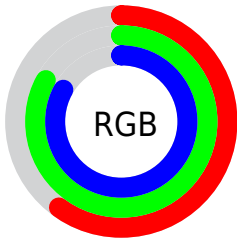
Format	Color
RYB	154, 183, 211
Decimal	10146771
CIELab	81.00, -18.15, -5.92
CIElCh	81, 19.089, 198.061
Yxy	58.4711, 0.2736, 0.3289
Android (android.graphics.Color)	4288336851 (0xFF9AD3D3)
YUV	193.9570, 8.4022, -35.0423
Hunter-Lab	76.4664, -20.2551, -1.2659

Details

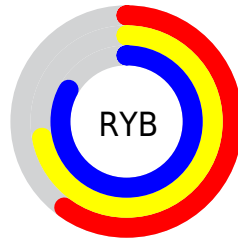
The CIELCh color **81, 19.089, 198.061** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 22.901, 21.546**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **61, 18.839, 199.478** is the 20% darker color. If you saturate the color by 10%, you get **80, 25.129, 197.628**, and if you desaturate by 10%, it is **82, 12.417, 198.546**.

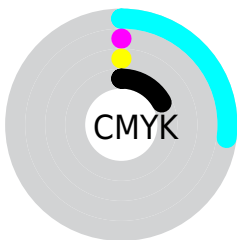
Distribution



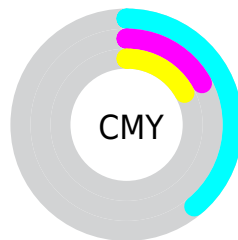
- Red (60%)
- Green (83%)
- Blue (83%)



- Red (60%)
- Yellow (72%)
- Blue (83%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)





- Cyan (39%)
- Magenta (17%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 19.089, 198.061 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, 19.089, 198.061 by changing the saturation by 10% instead.


 81, 19.089,
198.061


 81, 19.089,
198.061


 100, 19.089,
198.061


 71, 19.089,
198.061


 61, 19.089,
198.061

 51, 19.089,
198.061

 41, 19.089,
198.061

 31, 19.089,
198.061

 21, 19.089,
198.061

 11, 19.089,

198.061

■ 1, 19.089, 198.061

■ 0, 19.089, 198.061

■ 81, 19.089,
198.061

■ 81, 19.089,
198.061

■ 80, 25.129,
197.628

■ 82, 12.417,
198.546

■ 79, 30.415,
197.261

■ 84, 5.235, 199.128

■ 85, 2.339, 19.326

■ 78, 34.848,
196.958

■ 87, 10.198, 20.098

■ 78, 38.354,
196.721

■ 88, 16.252, 20.572

■ 77, 40.906,

■ 88, 16.251, 20.570

196.550

88, 16.251, 20.567

77, 42.536,
196.442

88, 16.251, 20.564

77, 43.350,
196.387

88, 16.251, 20.562

77, 43.520,
196.376

Harmonies

Complementary

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



81, 19.089, 198.061



69, 22.901, 21.546

Rectangle

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



81, 19.089, 198.061



81, 19.089, 248.061



81, 19.089, 18.061



81, 19.089, 68.061

Sweetspot

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



81, 19.090, 198.057



99, 6.985, 199.052



80, 36.818, 142.209



52, 4.945, 198.957



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, 19.090, 198.057



95, 25.828, 197.818



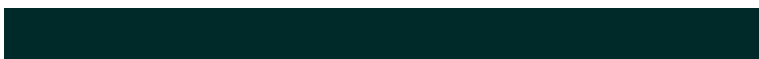
73, 17.568, 257.663



43, 4.203, 198.969



62, 36.714, 196.376



14, 14.039, 196.378

Inverse Universe

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



69, 22.901, 21.546



79, 32.279, 22.199



76, 19.056, 70.314



41, 4.460, 19.922



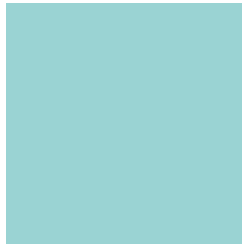
35, 76.452, 39.861



4, 20.018, 19.464

Previews

White Background



This preview shows how the CIELCh color 81, 19.089, 198.061 looks on a white background.

Color Contrast Check

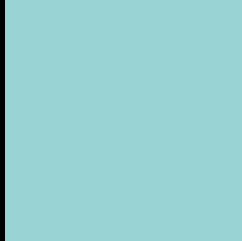
Large Text (above 18pt) WCAG AA × Fail

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, 19.089, 198.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

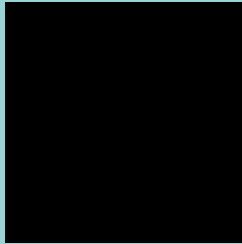
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

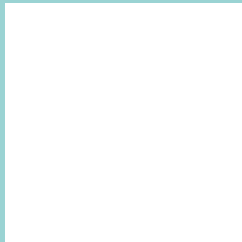
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 19.089, 198.061

Background



This preview shows how black text looks on a background with the CIELCh color 81, 19.089, 198.061.

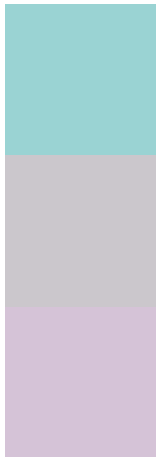


This preview shows how white text looks on a background with the CIELCh color 81, 19.089, 198.061.

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

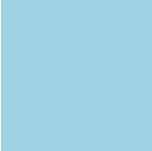
81, 19.089, 198.061

Protanopia

81, 3.054, 318.850

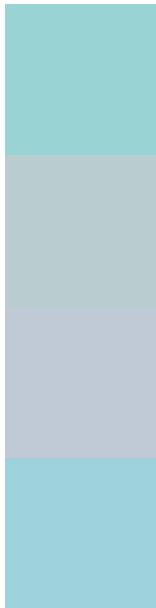
Deuteranopia

81, 12.512, 322.146



Tritanopia
81, 18.599, 227.650

Trichromacy



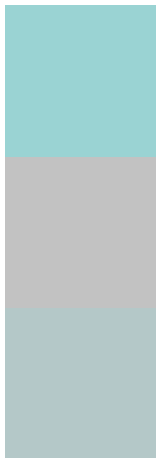
Original Color
81, 19.089, 198.061

Protanomaly
81, 6.875, 212.452

Deuteranomaly
81, 7.544, 266.006

Tritanomaly
81, 18.184, 217.144

Monochromacy



Original Color
81, 19.089, 198.061

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 7.135, 198.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 19.089, 198.061 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(154, 211, 211)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 211, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 19.089, 198.061 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(154, 211, 211) }
```

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

```
.border{ border-color:rgb(154, 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(154, 211, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 211, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 211, 211);  
box-shadow:4px 4px 4px 4px rgb(154, 211,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 19.089, 198.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 211, 211) }
```

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

```
.background{ background-color: rgb(154,  
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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