

Converting Colors

CIELCh(81, 19.558, 190.159)

Have a look what the booklet for
CIELCh(81, 19.558, 190.159)
contains.

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Color

CIELCh(81, 19.558, 190.159)

Conversions

Conversions Part 1

Format	Color
Hex	9BD4CF
RGB	155, 212, 207
RGB Percent	61%, 83%, 81%
CMY	0.3927, 0.1692, 0.1888
CMYK	0.27, 0.00, 0.02, 0.17
HSL	175°, 40%, 72%
HSV	175°, 27%, 83%
XYZ	48.2463, 58.4711, 67.6865
YIQ	194.3870, -32.3670, -13.6390

Conversions

Conversions Part 2

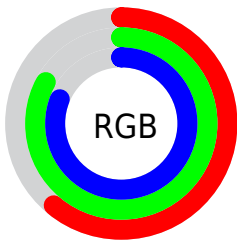
Format	Color
RYB	155, 185, 212
Decimal	10212559
CIELab	81.00, -19.25, -3.45
CIElCh	81, 19.558, 190.159
Yxy	58.4711, 0.2766, 0.3353
Android (android.graphics.Color)	4288402639 (0xFF9BD4CF)
YUV	194.3870, 6.2182, -34.5424
Hunter-Lab	76.4664, -21.1920, 1.0442

Details

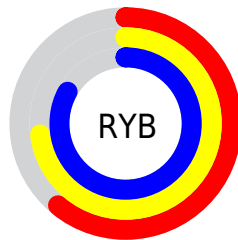
The CIELCh color **81, 19.558, 190.159** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 22.744, 14.766**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.683, 198.527**, and **61, 19.348, 190.947** is the 20% darker color. If you saturate the color by 10%, you get **80, 25.927, 189.385**, and if you desaturate by 10%, it is **82, 12.630, 190.926**.

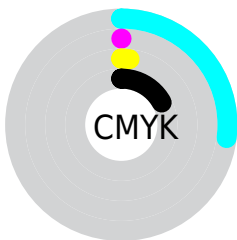
Distribution



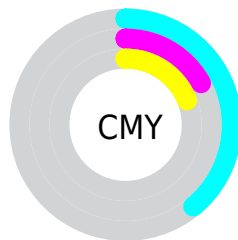
- Red (61%)
- Green (83%)
- Blue (81%)



- Red (61%)
- Yellow (73%)
- Blue (83%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)





- Cyan (39%)
- Magenta (17%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 19.558, 190.159 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, 19.558, 190.159 by changing the saturation by 10% instead.


 81, 19.558,
190.159


 81, 19.558,
190.159


 100, 19.558,
190.159


 71, 19.558,
190.159


 61, 19.558,
190.159

 51, 19.558,
190.159

 41, 19.558,
190.159

 31, 19.558,
190.159

 21, 19.558,
190.159

 11, 19.558,

190.159

■ 1, 19.558, 190.159

■ 0, 19.558, 190.159

■ 81, 19.558,
190.159

■ 81, 19.558,
190.159

■ 80, 25.927,
189.385

■ 82, 12.630,
190.926

■ 79, 31.607,
188.603

■ 84, 5.269, 191.738

■ 85, 2.408, 12.143

■ 78, 36.484,
187.800

■ 87, 10.295, 13.062

■ 78, 40.470,
186.962

■ 89, 16.125, 12.685

■ 77, 43.518,

■ 89, 16.234, 9.312

186.074

89, 16.401, 5.997

77, 45.642,
185.118

89, 16.624, 2.762

77, 46.939,
184.081

89, 16.901,
359.624

77, 47.262,
183.754

Harmonies

Complementary

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



81, 19.558, 190.159



69, 22.744, 14.766

Rectangle

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



81, 19.558, 190.159



81, 19.558, 240.159



81, 19.558, 10.159



81, 19.558, 60.159

Sweetspot

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



81, 19.559, 190.155



99, 7.082, 191.634



80, 35.820, 140.131



52, 5.018, 191.506



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, 19.559, 190.155



95, 26.565, 189.737



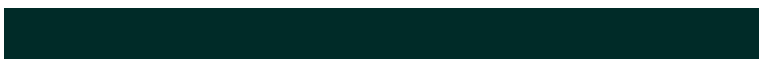
75, 16.468, 247.504



44, 4.350, 191.521



63, 40.205, 183.925



15, 15.503, 186.050

Inverse Universe

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



69, 22.744, 14.766



79, 31.963, 15.515



75, 18.569, 61.174



42, 4.572, 12.844



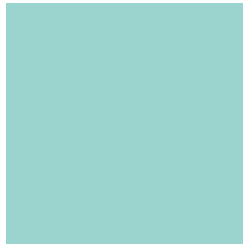
35, 73.764, 36.198



5, 21.965, 15.854

Previews

White Background



This preview shows how the CIE LCh color 81, 19.558, 190.159 looks on a white background.

Color Contrast Check

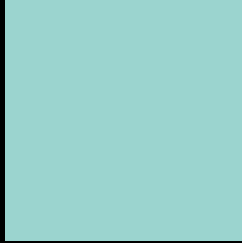
Large Text (above 18pt) WCAG AA × Fail

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 81, 19.558, 190.159 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

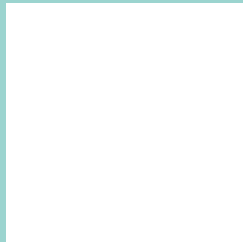
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 19.558, 190.159

Background



This preview shows how black text looks on a background with the CIELCh color 81, 19.558, 190.159.

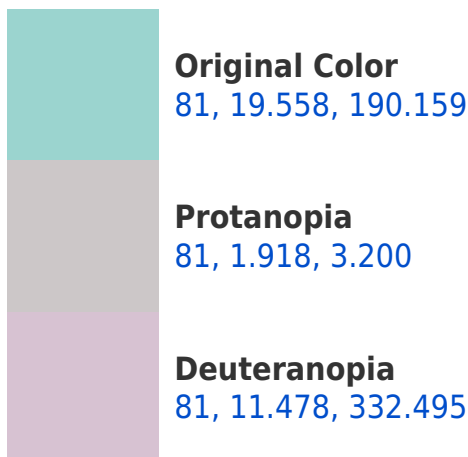


This preview shows how white text looks on a background with the CIELCh color 81, 19.558, 190.159.

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](#).

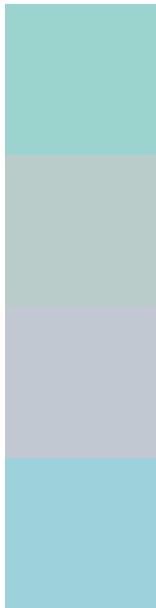
Dichromacy





Tritanopia
81, 18.342, 228.114

Trichromacy



Original Color
81, 19.558, 190.159

Protanomaly
81, 6.550, 189.637

Deuteranomaly
80, 5.359, 262.937

Tritanomaly
81, 17.991, 213.764

Monochromacy



Original Color
81, 19.558, 190.159

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 7.181, 194.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 19.558, 190.159 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(155, 212, 207)` looks like.

```
.text, #text, p{  
    color:rgb(155, 212, 207)  
}
```

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(155, 212, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 212, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 19.558, 190.159 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(155, 212, 207) }
```

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

```
.border{ border-color:rgb(155, 212, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 212, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 212, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 212, 207);  
box-shadow:4px 4px 4px 4px rgb(155, 212,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 19.558, 190.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 212, 207) }
```

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

```
.background{ background-color: rgb(155,  
212, 207) }
```

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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