

Converting Colors

CIELCh(81, 23.161, 171.001)

Have a look what the booklet for
CIELCh(81, 23.161, 171.001)
contains.

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Color

CIELCh(81, 23.072, 171.743)

Conversions

Conversions Part 1

Format	Color
Hex	9AD5C2
RGB	154, 213, 194
RGB Percent	60%, 84%, 76%
CMY	0.3954, 0.1640, 0.2385
CMYK	0.28, 0.00, 0.09, 0.16
HSL	161°, 41%, 72%
HSV	161°, 28%, 84%
XYZ	46.9583, 58.4711, 59.9555
YIQ	193.1930, -29.0650, -18.4170

Conversions

Conversions Part 2

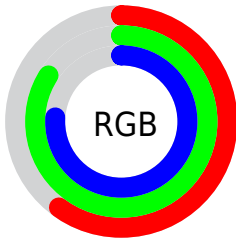
Format	Color
RYB	154, 189, 213
Decimal	10147266
CIELab	81.00, -22.83, 3.31
CIELCh	81, 23.072, 171.743
Yxy	58.4711, 0.2839, 0.3535
Android (android.graphics.Color)	4288337346 (0xFF9AD5C2)
YUV	193.1930, 0.3979, -34.3723
Hunter-Lab	76.4664, -24.1988, 7.0386

Details

The CIELCh color **81, 23.072, 171.743** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 24.871, 357.415**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.412, 188.875**, and **61, 23.144, 171.298** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.849, 170.584**, and if you desaturate by 10%, it is **82, 14.922, 172.805**.

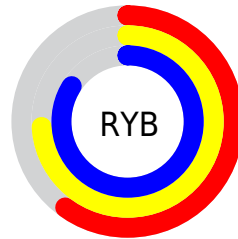
Distribution



Red (60%)

Green (84%)

Blue (76%)



Red (60%)

Yellow (74%)

Blue (84%)

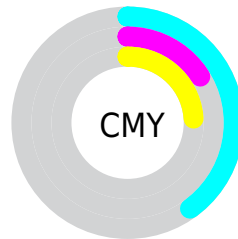


Cyan (28%)

Magenta (0%)

Yellow (9%)

Black (16%)



Cyan (40%)


Magenta (16%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 23.072, 171.743 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, 23.072, 171.743 by changing the saturation by 10% instead.


 81, 23.072,
171.743


 81, 23.072,
171.743


 100, 23.072,
171.743


 71, 23.072,
171.743

 61, 23.072,
171.743

 51, 23.072,
171.743

 41, 23.072,
171.743

 31, 23.072,
171.743

 21, 23.072,
171.743

 11, 23.072,

171.743

■ 1, 23.072, 171.743

■ 0, 23.072, 171.743

■ 81, 23.072,
171.743

■ 81, 23.072,
171.743

■ 80, 30.849,
170.584

■ 82, 14.922,
172.805

■ 79, 38.107,
169.312

■ 84, 6.529, 173.820

■ 78, 44.707,
167.898

■ 86, 1.989, 354.401

■ 77, 50.531,
166.317

■ 88, 10.536,
355.451

■ 77, 55.503,

■ 89, 17.129,
353.091

164.546

89, 18.929,
343.393

76, 59.612,
162.572

90, 21.194,
335.628

76, 62.951,
160.412

90, 23.790,
329.519

76, 63.682,
159.915

90, 26.201,
325.337

Harmonies

Complementary

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



81, 23.072, 171.743



70, 24.871, 357.415

Rectangle

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



81, 23.072, 171.743



81, 23.072, 221.743



81, 23.072, 351.743



81, 23.072, 41.743

Sweetspot

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



81, 23.073, 171.741



98, 7.865, 173.778



81, 34.455, 133.389



52, 5.585, 173.623



0, 0.000, 0.000



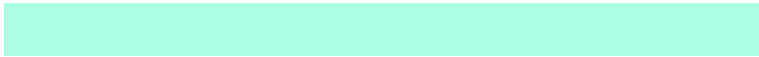
53, 0.007, 296.813

Same Dimension

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



81, 23.073, 171.741



94, 31.512, 171.099



79, 17.016, 216.416



44, 4.840, 173.641



62, 53.670, 160.284



15, 19.549, 165.032

Inverse Universe

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



70, 24.871, 357.415



79, 34.520, 358.203



72, 20.642, 35.873



42, 4.964, 355.278



36, 64.208, 18.730



5, 22.354, 5.084

Previews

White Background



This preview shows how the CIELCh color 81, 23.072, 171.743 looks on a white background.

Color Contrast Check

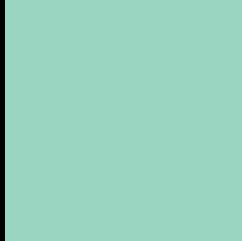
Large Text (above 18pt) WCAG AA × Fail

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, 23.072, 171.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

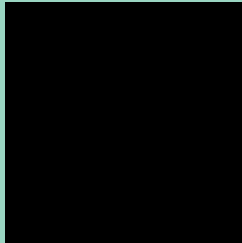
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

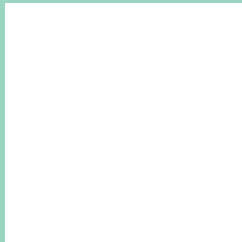
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 23.072, 171.743

Background



This preview shows how black text looks on a background with the CIELCh color 81, 23.072, 171.743.

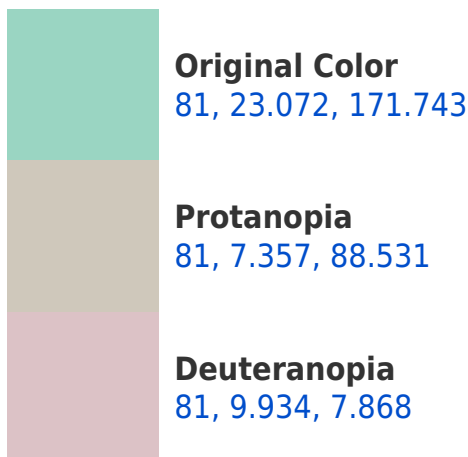


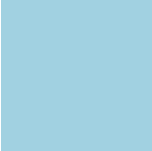
This preview shows how white text looks on a background with the CIELCh color 81, 23.072, 171.743.

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, 17.618, 227.476

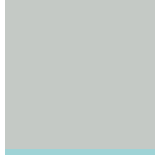
Trichromacy



Original Color
81, 23.072, 171.743



Protanomaly
81, 10.175, 147.336



Deuteranomaly
80, 2.815, 150.485

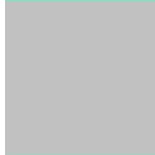


Tritanomaly
81, 17.466, 203.469

Monochromacy



Original Color
81, 23.072, 171.743



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 8.524, 172.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 23.072, 171.743 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, 213, 194)` looks like.

```
.text, #text, p{  
    color:rgb(154, 213, 194)  
}
```

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, 213, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 213, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 23.072, 171.743 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, 213, 194) }
```

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

```
.border{ border-color:rgb(154, 213, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 213, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 213, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 213, 194);  
box-shadow:4px 4px 4px 4px rgb(154, 213,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 23.072, 171.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 213, 194) }
```

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

```
.background{ background-color: rgb(154,  
213, 194) }
```

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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