

Converting Colors

CIELCh(82, 22.737, 172.957)

Have a look what the booklet for
CIELCh(82, 22.737, 172.957)
contains.

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Color

CIELCh(82, 22.752, 172.944)

Conversions

Conversions Part 1

Format	Color
Hex	9DD8C6
RGB	157, 216, 198
RGB Percent	62%, 85%, 78%
CMY	0.3846, 0.1533, 0.2239
CMYK	0.27, 0.00, 0.08, 0.15
HSL	162°, 43%, 73%
HSV	162°, 27%, 85%
XYZ	48.6035, 60.2982, 62.4501
YIQ	196.3070, -29.3860, -18.1060

Conversions

Conversions Part 2

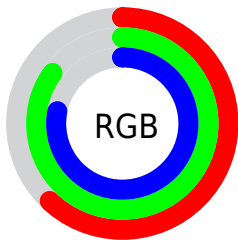
Format	Color
RYB	157, 192, 216
Decimal	10344646
CIELab	82.00, -22.58, 2.79
CIELCh	82, 22.752, 172.944
Yxy	60.2982, 0.2836, 0.3519
Android (android.graphics.Color)	4288534726 (0xFF9DD8C6)
YUV	196.3070, 0.8346, -34.4722
Hunter-Lab	77.6519, -24.1649, 6.6734

Details

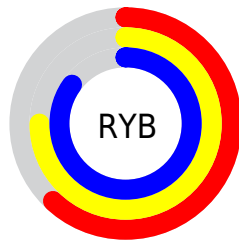
The CIELCh color **82, 22.752, 172.944** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 24.624, 358.555**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.050, 198.569**, and **62, 22.794, 172.587** is the 20% darker color. If you saturate the color by 10%, you get **81, 30.500, 171.795**, and if you desaturate by 10%, it is **83, 14.619, 174.001**.

Distribution



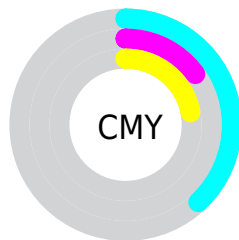
- Red (62%)
- Green (85%)
- Blue (78%)



- Red (62%)
- Yellow (75%)
- Blue (85%)



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (38%)
- Magenta (15%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 22.752, 172.944 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, 22.752, 172.944 by changing the saturation by 10% instead.


 82, 22.752,
172.944


 82, 22.752,
172.944

 100, 22.752,
172.944


 72, 22.752,
172.944

 62, 22.752,
172.944

 52, 22.752,
172.944

 42, 22.752,
172.944

 32, 22.752,
172.944

 22, 22.752,
172.944

 12, 22.752,

172.944

■ 2, 22.752, 172.944

■ 0, 22.752, 172.944

■ 82, 22.752,
172.944

■ 82, 22.752,
172.944

■ 81, 30.500,
171.795

■ 83, 14.619,
174.001

■ 80, 37.715,
170.537

■ 85, 6.231, 175.017

■ 79, 44.260,
169.143

■ 87, 2.293, 355.623

■ 78, 50.015,
167.588

■ 89, 10.856,
356.648

■ 78, 54.906,

■ 90, 16.123,
351.969

165.847

90, 17.914,
342.256

77, 58.919,
163.906

90, 20.141,
334.554

77, 62.144,
161.776

90, 22.674,
328.536

77, 62.949,
161.208

91, 24.483,
325.277

Harmonies

Complementary

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



82, 22.752, 172.944



71, 24.624, 358.555

Rectangle

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



82, 22.752, 172.944



82, 22.752, 222.944



82, 22.752, 352.944



82, 22.752, 42.944

Sweetspot

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



82, 22.753, 172.942



98, 7.786, 174.939



82, 34.539, 133.928



52, 5.528, 174.784



0, 0.000, 0.000



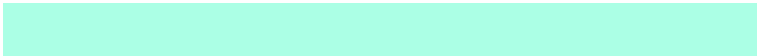
53, 0.007, 296.813

Same Dimension

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



82, 22.753, 172.942



94, 31.119, 172.267



80, 16.835, 218.522



44, 4.791, 174.802



62, 52.546, 161.590



15, 19.206, 166.256

Inverse Universe

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



71, 24.624, 358.555



79, 34.302, 359.398



73, 20.336, 37.510



42, 4.921, 356.442



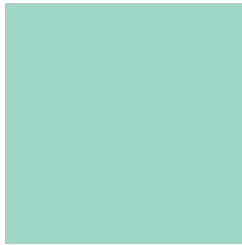
36, 64.679, 20.288



5, 22.294, 5.972

Previews

White Background



This preview shows how the CIE LCh color 82, 22.752, 172.944 looks on a white background.

Color Contrast Check

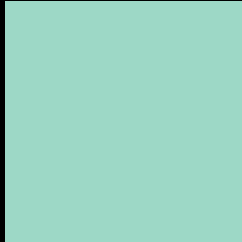
Large Text (above 18pt) WCAG AA × Fail

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 82, 22.752, 172.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

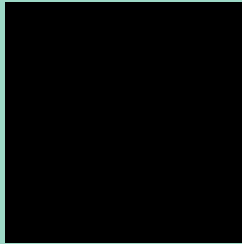
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

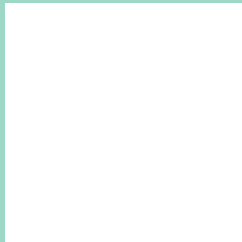
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 22.752, 172.944

Background



This preview shows how black text looks on a background with the CIELCh color 82, 22.752, 172.944.

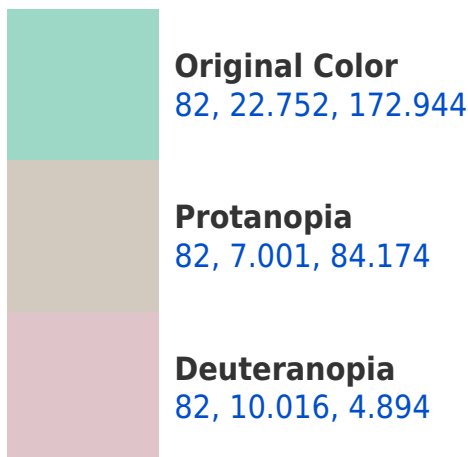


This preview shows how white text looks on a background with the CIELCh color 82, 22.752, 172.944.

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
82, 17.812, 229.062

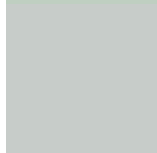
Trichromacy



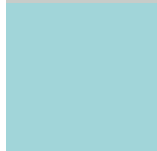
Original Color
82, 22.752, 172.944



Protanomaly
82, 9.505, 147.603



Deuteranomaly
82, 2.426, 158.606



Tritanomaly
82, 17.449, 205.246

Monochromacy



Original Color
82, 22.752, 172.944



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 8.259, 176.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 22.752, 172.944 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, 216, 198)` looks like.

```
.text, #text, p{  
    color:rgb(157, 216, 198)  
}
```

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, 216, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 216, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 22.752, 172.944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

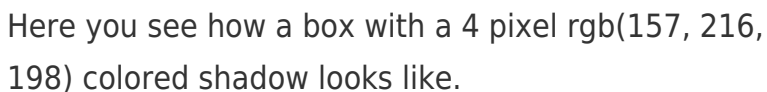
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 216, 198) }
```

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

```
.border{ border-color:rgb(157, 216, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 216, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 216, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 216, 198); box-shadow:4px 4px 4px 4px rgb(157, 216, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 22.752, 172.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 216, 198) }
```

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

```
.background{ background-color: rgb(157,  
216, 198) }
```

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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