

Converting Colors

CIELCh(82, 20.870, 177.047)

Have a look what the booklet for
CIELCh(82, 20.870, 177.047)
contains.

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Color

CIELCh(82, 20.883, 177.035)

Conversions

Conversions Part 1

Format	Color
Hex	9FD7C9
RGB	159, 215, 201
RGB Percent	62%, 84%, 79%
CMY	0.3758, 0.1562, 0.2111
CMYK	0.26, 0.00, 0.07, 0.16
HSL	165°, 41%, 73%
HSV	165°, 26%, 84%
XYZ	49.2352, 60.2982, 64.4033
YIQ	196.6600, -28.8820, -16.2260

Conversions

Conversions Part 2

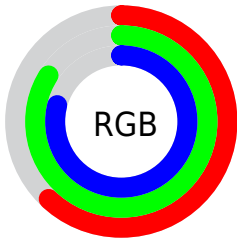
Format	Color
RYB	159, 191, 215
Decimal	10475465
CIELab	82.00, -20.86, 1.08
CIELCh	82, 20.883, 177.035
Yxy	60.2982, 0.2831, 0.3467
Android (android.graphics.Color)	4288665545 (0xFF9FD7C9)
YUV	196.6600, 2.1396, -33.0278
Hunter-Lab	77.6519, -22.7129, 5.1821

Details

The CIELCh color **82, 20.883, 177.035** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 22.878, 2.323**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.412, 198.611**, and **62, 20.837, 176.975** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.289, 175.937**, and if you desaturate by 10%, it is **83, 13.066, 178.058**.

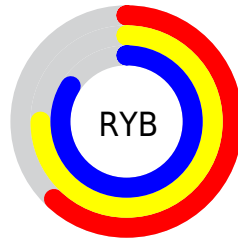
Distribution



Red (62%)

Green (84%)

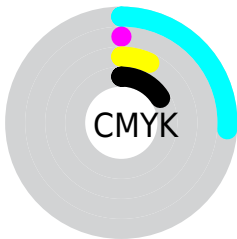
Blue (79%)



Red (62%)

Yellow (75%)

Blue (84%)

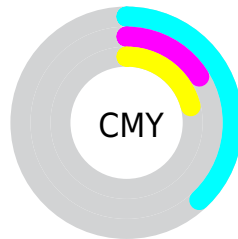


Cyan (26%)

Magenta (0%)

Yellow (7%)

Black (16%)



Cyan (38%)


Magenta (16%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 20.883, 177.035 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, 20.883, 177.035 by changing the saturation by 10% instead.


 82, 20.883,
177.035


 82, 20.883,
177.035


 100, 20.883,
177.035


 72, 20.883,
177.035

 62, 20.883,
177.035

 52, 20.883,
177.035

 42, 20.883,
177.035

 32, 20.883,
177.035

 22, 20.883,
177.035

 12, 20.883,

177.035

■ 2, 20.883, 177.035

■ 0, 20.883, 177.035

■ 82, 20.883,
177.035

■ 82, 20.883,
177.035

■ 81, 28.289,
175.937

■ 83, 13.066,
178.058

■ 80, 35.141,
174.751

■ 85, 4.966, 179.071

■ 79, 41.306,
173.450

■ 87, 3.301, 359.703

■ 78, 46.668,
172.010

■ 89, 11.639, 0.667

■ 78, 51.153,

■ 90, 15.939,
355.850

170.406

90, 17.202,
347.312

77, 54.748,
168.619

90, 18.806,
340.119

77, 57.522,
166.644

90, 20.671,
334.179

77, 58.503,
165.847

90, 22.733,
329.308

Harmonies

Complementary

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



82, 20.883, 177.035



71, 22.878, 2.323

Rectangle

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



82, 20.883, 177.035



82, 20.883, 227.035



82, 20.883, 357.035



82, 20.883, 47.035

Sweetspot

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



82, 20.884, 177.032



98, 7.551, 178.855



82, 33.309, 135.526



52, 5.359, 178.700



0, 0.000, 0.000



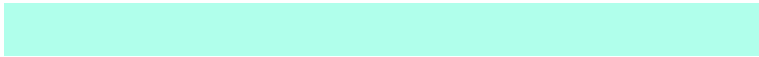
53, 0.007, 296.813

Same Dimension

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



82, 20.884, 177.032



95, 28.245, 176.465



79, 15.737, 224.993



44, 4.644, 178.718



62, 49.013, 166.200



15, 18.137, 170.514

Inverse Universe

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



71, 22.878, 2.323



80, 31.566, 3.066



74, 18.679, 42.670



42, 4.796, 0.346



36, 66.551, 25.106



5, 22.145, 8.650

Previews

White Background



This preview shows how the CIELCh color 82, 20.883, 177.035 looks on a white background.

Color Contrast Check

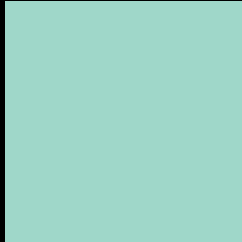
Large Text (above 18pt) WCAG AA × Fail

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 82, 20.883, 177.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

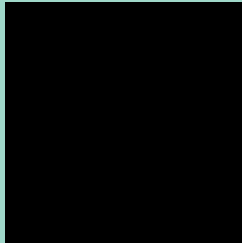
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 20.883, 177.035

Background



This preview shows how black text looks on a background with the CIELCh color 82, 20.883, 177.035.

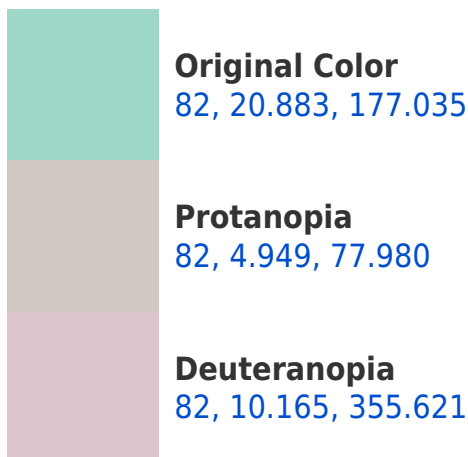


This preview shows how white text looks on a background with the CIELCh color 82, 20.883, 177.035.

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](#).

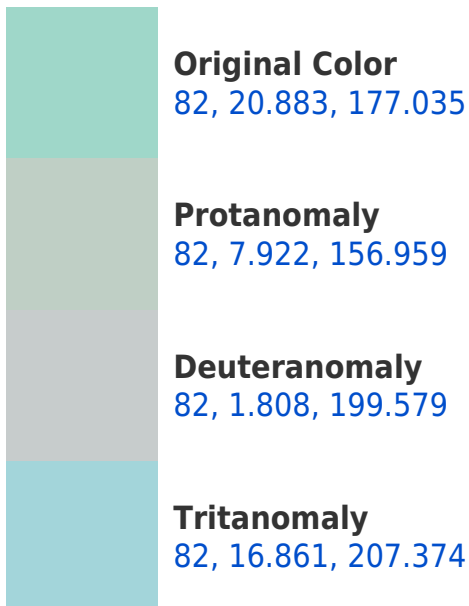
Dichromacy



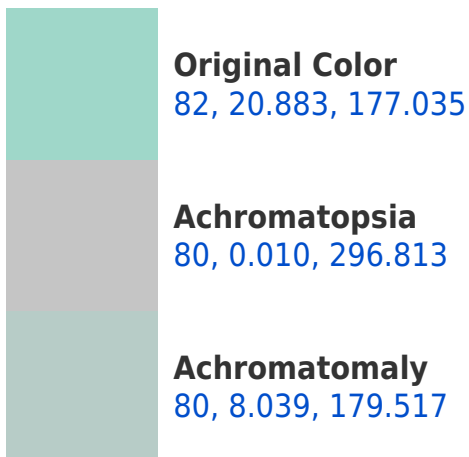


Tritanopia
82, 17.298, 230.101

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 20.883, 177.035 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(159, 215, 201)` looks like.

```
.text, #text, p{  
    color:rgb(159, 215, 201)  
}
```

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(159, 215, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 215, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 20.883, 177.035 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(159, 215, 201) }
```

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

```
.border{ border-color:rgb(159, 215, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 215, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 215, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 215, 201);  
box-shadow:4px 4px 4px 4px rgb(159, 215,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 20.883, 177.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 215, 201) }
```

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

```
.background{ background-color: rgb(159,  
215, 201) }
```

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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