

Converting Colors

CIELCh(82, 42.892, 201.069)

Have a look what the booklet for
CIELCh(82, 42.892, 201.069)
contains.

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Color

CIELCh(82, 42.898, 200.905)

Conversions

Conversions Part 1

Format	Color
Hex	2CE1E7
RGB	44, 225, 231
RGB Percent	17%, 88%, 91%
CMY	0.8256, 0.1168, 0.0932
CMYK	0.81, 0.03, 0.00, 0.09
HSL	182°, 80%, 54%
HSV	182°, 81%, 91%
XYZ	42.4988, 60.2982, 85.1629
YIQ	171.5650, -109.8020, -36.5060

Conversions

Conversions Part 2

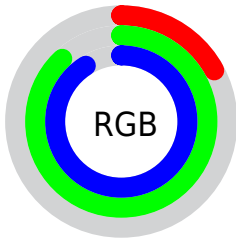
Format	Color
RYB	44, 136, 231
Decimal	2941415
CIELab	82.00, -40.07, -15.31
CIELCh	82, 42.898, 200.905
Yxy	60.2982, 0.2261, 0.3208
Android (android.graphics.Color)	4281131495 (0xFF2CE1E7)
YUV	171.5650, 29.3015, -111.8745
Hunter-Lab	77.6519, -38.1981, -10.6686

Details

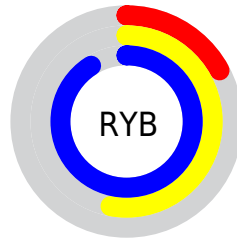
The CIELCh color **82, 42.898, 200.905** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **51, 82.220, 35.329**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.485, 197.121**, and **63, 36.057, 201.917** is the 20% darker color. If you saturate the color by 10%, you get **82, 44.079, 201.239**, and if you desaturate by 10%, it is **83, 40.750, 200.698**.

Distribution



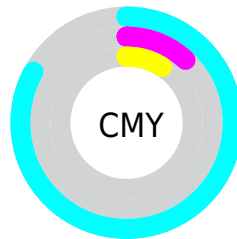
- Red (17%)
- Green (88%)
- Blue (91%)



- Red (17%)
- Yellow (53%)
- Blue (91%)



- Cyan (81%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)





- Cyan (83%)
- Magenta (12%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 42.898, 200.905 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, 42.898, 200.905 by changing the saturation by 10% instead.


 82, 42.898,
200.905


 82, 42.898,
200.905


 100, 42.898,
200.905


 72, 42.898,
200.905

 62, 42.898,
200.905

 52, 42.898,
200.905

 42, 42.898,
200.905

 32, 42.898,
200.905

 22, 42.898,
200.905

 12, 42.898,

200.905

■ 2, 42.898, 200.905

■ 0, 42.898, 200.905

■ 82, 42.898,
200.905

■ 82, 42.898,
200.905

■ 82, 44.079,
201.239

■ 83, 40.750,
200.698

■ 81, 44.498,
201.648

■ 83, 37.581,
200.619

■ 84, 33.402,
200.656

■ 85, 28.278,
200.799

■ 87, 22.310,

201.038

■ 88, 15.622,
201.362

■ 90, 8.345, 201.776

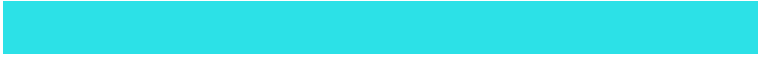
■ 92, 0.606, 203.156

■ 94, 7.480, 22.527

Harmonies

Complementary

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



82, 42.898, 200.905



51, 82.220, 35.329

Rectangle

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



82, 42.898, 200.905



82, 42.898, 250.905



82, 42.898, 20.905



82, 42.898, 70.905

Sweetspot

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



82, 42.897, 200.904



96, 19.324, 201.244



81, 103.152, 137.279



50, 13.101, 201.128



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, 42.897, 200.904



89, 47.812, 201.537



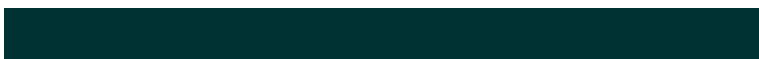
56, 56.715, 277.842



47, 4.392, 201.840



64, 36.690, 201.557



18, 15.497, 200.726

Inverse Universe

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



56, 98.885, 329.166



60, 112.224, 329.526



67, 67.653, 66.151



45, 8.127, 325.814



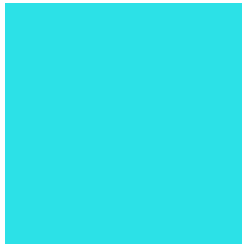
42, 86.237, 329.547



8, 36.329, 329.338

Previews

White Background



This preview shows how the CIE LCh color 82, 42.898, 200.905 looks on a white background.

Color Contrast Check

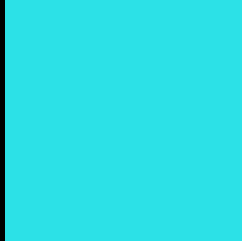
Large Text (above 18pt) WCAG AA × Fail

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, 42.898, 200.905 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, 42.898, 200.905

Background



This preview shows how black text looks on a background with the CIELCh color 82, 42.898, 200.905.

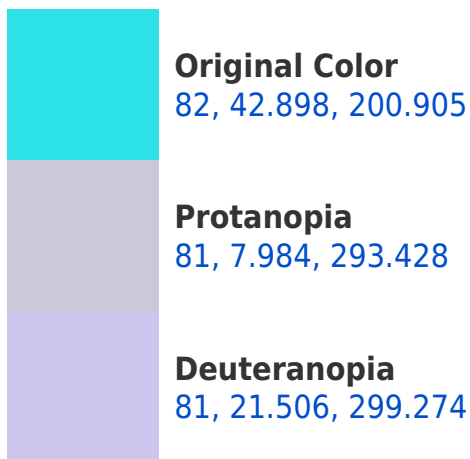


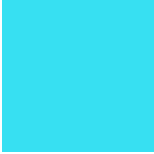
This preview shows how white text looks on a background with the CIELCh color 82, 42.898, 200.905.

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](#).

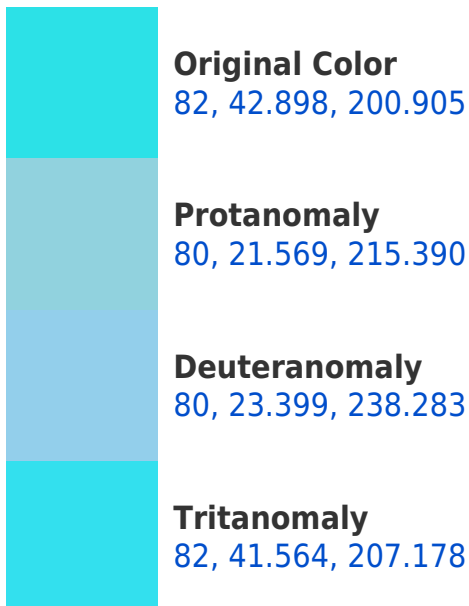
Dichromacy



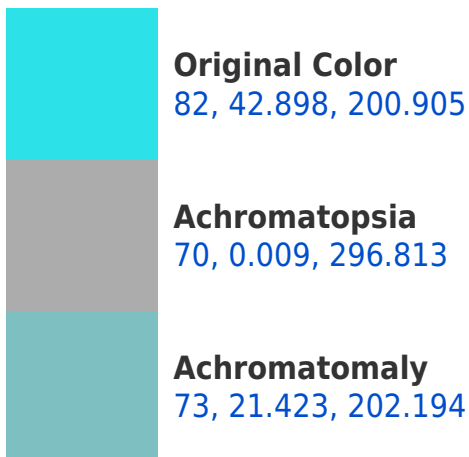


Tritanopia
82, 41.084, 210.442

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 42.898, 200.905 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(44, 225, 231)` looks like.

```
.text, #text, p{  
    color:rgb(44, 225, 231)  
}
```

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(44, 225, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 225, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 42.898, 200.905 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(44, 225, 231) }
```

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

```
.border{ border-color:rgb(44, 225, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 225, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 225, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 225, 231);  
box-shadow:4px 4px 4px 4px rgb(44, 225,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 42.898, 200.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 225, 231) }
```

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

```
.background{ background-color: rgb(44, 225,  
231) }
```

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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