

Converting Colors

CIELCh(82, 44.132, 194.382)

Have a look what the booklet for
CIELCh(82, 44.132, 194.382)
contains.

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Color

CIELCh(82, 44.132, 194.382)

Conversions

Conversions Part 1

Format	Color
Hex	2DE2DF
RGB	45, 226, 223
RGB Percent	18%, 89%, 87%
CMY	0.8232, 0.1136, 0.1254
CMYK	0.80, 0.00, 0.01, 0.11
HSL	179°, 76%, 53%
HSV	179°, 80%, 89%
XYZ	41.6130, 60.2982, 79.2795
YIQ	171.5390, -106.9130, -39.3050

Conversions

Conversions Part 2

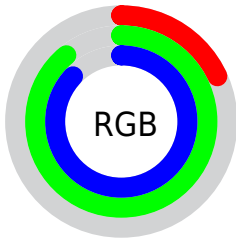
Format	Color
RYB	45, 136, 226
Decimal	3007199
CIELab	82.00, -42.75, -10.96
CIELCh	82, 44.132, 194.382
Yxy	60.2982, 0.2297, 0.3328
Android (android.graphics.Color)	4281197279 (0xFF2DE2DF)
YUV	171.5390, 25.3703, -110.9747
Hunter-Lab	77.6519, -40.2341, -6.1764

Details

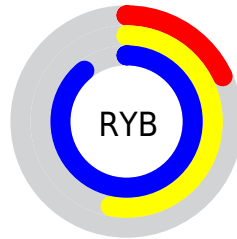
The CIELCh color **82, 44.132, 194.382** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **50, 80.209, 33.126**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.485, 197.121**, and **63, 37.306, 194.608** is the 20% darker color. If you saturate the color by 10%, you get **82, 45.610, 194.100**, and if you desaturate by 10%, it is **82, 41.697, 194.693**.

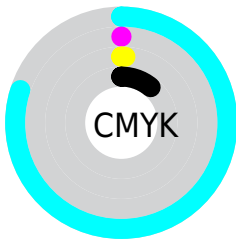
Distribution



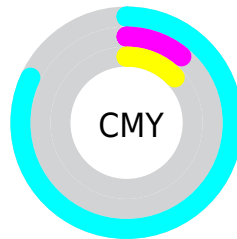
- Red (18%)
- Green (89%)
- Blue (87%)



- Red (18%)
- Yellow (53%)
- Blue (89%)



- Cyan (80%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (82%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 44.132, 194.382 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, 44.132, 194.382 by changing the saturation by 10% instead.


 82, 44.132,
194.382

 82, 44.132,
194.382

 100, 44.132,
194.382

 72, 44.132,
194.382

 62, 44.132,
194.382

 52, 44.132,
194.382

 42, 44.132,
194.382

 32, 44.132,
194.382

 22, 44.132,
194.382

 12, 44.132,

194.382

■ 2, 44.132, 194.382

■ 0, 44.132, 194.382

■ 82, 44.132,
194.382

■ 82, 44.132,
194.382

■ 82, 45.610,
194.100

■ 82, 41.697,
194.693

■ 82, 46.330,
193.840

■ 83, 38.256,
195.045

■ 84, 33.822,
195.441

■ 84, 28.460,
195.884

■ 86, 22.274,

196.373

■ 87, 15.389,
196.909

■ 88, 7.936, 197.506

■ 90, 0.047, 211.019

■ 92, 8.166, 18.561

Harmonies

Complementary

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



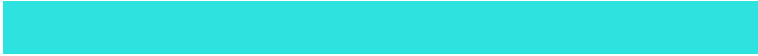
82, 44.132, 194.382



50, 80.209, 33.126

Rectangle

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



82, 44.132, 194.382



82, 44.132, 244.382



82, 44.132, 14.382



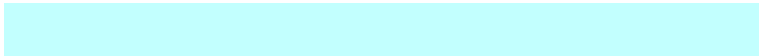
82, 44.132, 64.382

Sweetspot

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



82, 44.132, 194.381



96, 20.034, 196.683



79, 101.320, 136.917



51, 13.590, 196.493



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, 44.132, 194.381



91, 50.522, 193.926



56, 52.116, 273.923



46, 4.461, 197.547



65, 38.413, 193.881



17, 15.746, 194.284

Inverse Universe

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



50, 80.209, 33.126



54, 101.952, 38.749



64, 66.123, 63.338



44, 4.727, 18.590



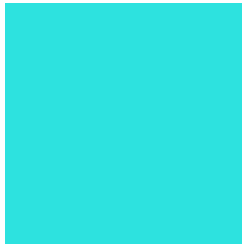
36, 78.384, 39.274



6, 25.500, 20.243

Previews

White Background



This preview shows how the CIE LCh color 82, 44.132, 194.382 looks on a white background.

Color Contrast Check

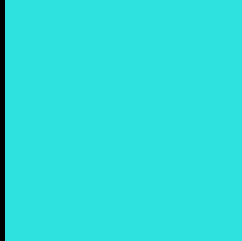
Large Text (above 18pt) WCAG AA × Fail

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, 44.132, 194.382 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, 44.132, 194.382

Background



This preview shows how black text looks on a background with the CIELCh color 82, 44.132, 194.382.

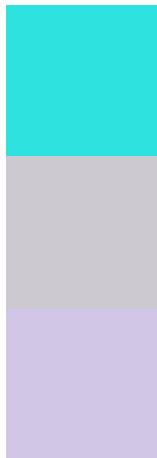


This preview shows how white text looks on a background with the CIELCh color 82, 44.132, 194.382.

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](#).

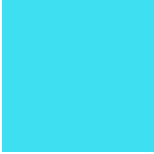
Dichromacy



Original Color
82, 44.132, 194.382

Protanopia
81, 3.892, 306.668

Deuteranopia
81, 17.589, 305.341

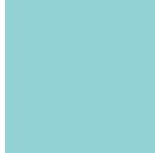


Tritanopia
82, 40.320, 210.754

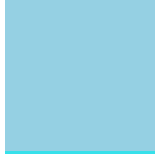
Trichromacy



Original Color
82, 44.132, 194.382



Protanomaly
80, 21.026, 202.330



Deuteranomaly
80, 21.015, 227.241

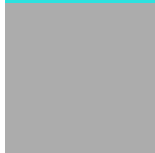


Tritanomaly
82, 41.415, 204.172

Monochromacy



Original Color
82, 44.132, 194.382



Achromatopsia
70, 0.009, 296.813



Achromatomaly
73, 21.951, 196.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 44.132, 194.382 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(45, 226, 223)` looks like.

```
.text, #text, p{  
    color:rgb(45, 226, 223)  
}
```

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(45, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 226, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 44.132, 194.382 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(45, 226, 223) }
```

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

```
.border{ border-color:rgb(45, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(45, 226,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 44.132, 194.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 226, 223) }
```

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

```
.background{ background-color: rgb(45, 226,  
223) }
```

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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