

Converting Colors

CIELCh(82, 46.175, 191.863)

Have a look what the booklet for
CIELCh(82, 46.175, 191.863)
contains.

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Color

CIELCh(82, 46.216, 191.674)

Conversions

Conversions Part 1

Format	Color
Hex	1AE3DC
RGB	26, 227, 220
RGB Percent	10%, 89%, 86%
CMY	0.8985, 0.1100, 0.1374
CMYK	0.89, 0.00, 0.03, 0.11
HSL	178°, 80%, 50%
HSV	178°, 89%, 89%
XYZ	40.7928, 60.2982, 77.1700
YIQ	166.1030, -117.5490, -44.7890

Conversions

Conversions Part 2

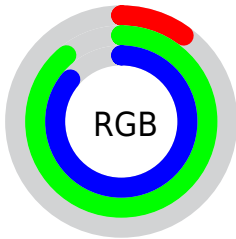
Format	Color
RYB	26, 128, 227
Decimal	1762268
CIELab	82.00, -45.26, -9.35
CIELCh	82, 46.216, 191.674
Yxy	60.2982, 0.2288, 0.3383
Android (android.graphics.Color)	4279952348 (0xFF1AE3DC)
YUV	166.1030, 26.5712, -122.8703
Hunter-Lab	77.6519, -42.1195, -4.5657

Details

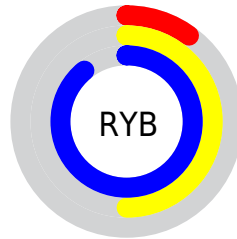
The CIELCh color **82, 46.216, 191.674** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **48, 87.154, 35.388**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 38.875, 197.039**, and **63, 38.194, 191.172** is the 20% darker color. If you saturate the color by 10%, you get **82, 47.103, 191.184**, and if you desaturate by 10%, it is **82, 44.504, 192.154**.

Distribution



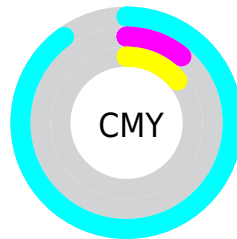
- Red (10%)
- Green (89%)
- Blue (86%)



- Red (10%)
- Yellow (50%)
- Blue (89%)



- Cyan (89%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)




- Cyan (90%)
- Magenta (11%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 46.216, 191.674 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, 46.216, 191.674 by changing the saturation by 10% instead.


 82, 46.216,
191.674


 82, 46.216,
191.674


 100, 46.216,
191.674

 72, 46.216,
191.674

 62, 46.216,
191.674

 52, 46.216,
191.674

 42, 46.216,
191.674

 32, 46.216,
191.674

 22, 46.216,
191.674

 12, 46.216,

191.674

■ 2, 46.216, 191.674

■ 0, 46.216, 191.674

■ 82, 46.216,
191.674

■ 82, 46.216,
191.674

■ 82, 47.103,
191.184

■ 82, 44.504,
192.154

■ 82, 47.202,
191.115

■ 83, 41.820,
192.638

■ 83, 38.124,
193.135

■ 84, 33.445,
193.653

■ 85, 27.859,

194.198

■ 86, 21.476,
194.774

■ 87, 14.426,
195.383

■ 89, 6.843, 196.048

■ 90, 1.144, 16.074

Harmonies

Complementary

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



82, 46.216, 191.674



48, 87.154, 35.388

Rectangle

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



82, 46.216, 191.674



82, 46.216, 241.674



82, 46.216, 11.674



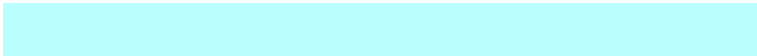
82, 46.216, 61.674

Sweetspot

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



82, 46.216, 191.673



96, 22.400, 194.858



79, 106.032, 136.112



50, 14.908, 194.655



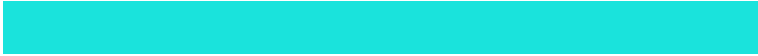
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 46.216, 191.673



91, 51.557, 191.082



56, 54.079, 273.924



47, 4.554, 195.986



66, 39.423, 191.195



18, 16.466, 191.976

Inverse Universe

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



48, 87.154, 35.388



53, 103.235, 39.055



61, 73.474, 58.917



45, 4.817, 17.117



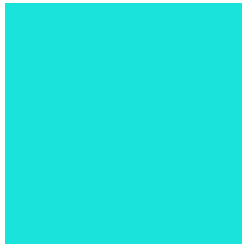
37, 78.461, 38.545



6, 26.991, 20.325

Previews

White Background



This preview shows how the CIE LCh color 82, 46.216, 191.674 looks on a white background.

Color Contrast Check

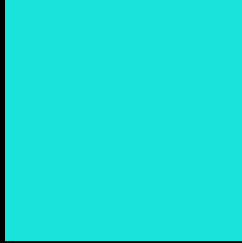
Large Text (above 18pt) WCAG AA × Fail

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, 46.216, 191.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

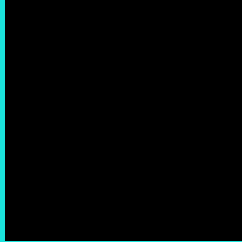
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

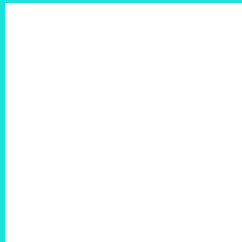
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 46.216, 191.674

Background



This preview shows how black text looks on a background with the CIELCh color 82, 46.216, 191.674.

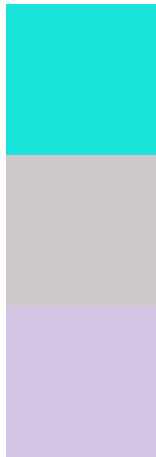


This preview shows how white text looks on a background with the CIELCh color 82, 46.216, 191.674.

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

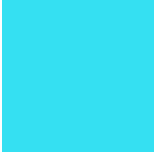
82, 46.216, 191.674

Protanopia

81, 2.178, 332.314

Deuteranopia

81, 16.655, 307.354



Tritanopia
82, 41.267, 210.370

Trichromacy



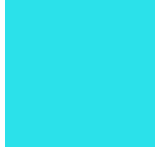
Original Color
82, 46.216, 191.674



Protanomaly
80, 22.890, 197.784



Deuteranomaly
80, 22.024, 221.043

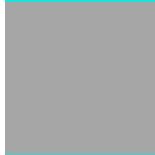


Tritanomaly
82, 42.703, 203.135

Monochromacy



Original Color
82, 46.216, 191.674



Achromatopsia
68, 0.008, 296.813



Achromatomaly
72, 24.014, 194.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 46.216, 191.674 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(26, 227, 220)` looks like.

```
.text, #text, p{  
    color:rgb(26, 227, 220)  
}
```

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(26, 227, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 227, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 46.216, 191.674 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(26, 227, 220) }
```

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

```
.border{ border-color:rgb(26, 227, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 227, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 227, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 227, 220);  
box-shadow:4px 4px 4px 4px rgb(26, 227,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 46.216, 191.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 227, 220) }
```

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

```
.background{ background-color: rgb(26, 227,  
220) }
```

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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