

Converting Colors

CIELCh(81, 48.967, 182.484)

Have a look what the booklet for
CIELCh(81, 48.967, 182.484)
contains.

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Color

CIELCh(81, 48.808, 182.780)

Conversions

Conversions Part 1

Format	Color
Hex	1CE1CC
RGB	28, 225, 204
RGB Percent	11%, 88%, 80%
CMY	0.8899, 0.1175, 0.1999
CMYK	0.88, 0.00, 0.09, 0.12
HSL	174°, 78%, 50%
HSV	174°, 88%, 88%
XYZ	38.3136, 58.4711, 66.4070
YIQ	163.7030, -110.6710, -48.2950

Conversions

Conversions Part 2

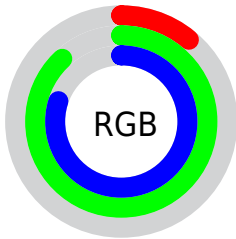
Format	Color
R_{YB}	28, 132, 225
Decimal	1892812
CIE Lab	81.00, -48.75, -2.37
CIE LCh	81, 48.808, 182.780
Yxy	58.4711, 0.2348, 0.3583
Android (android.graphics.Color)	4280082892 (0xFF1CE1CC)
YUV	163.7030, 19.8664, -119.0115
Hunter-Lab	76.4664, -44.3785, 2.0363

Details

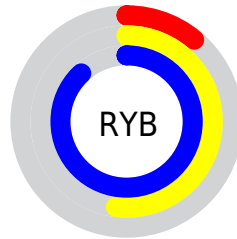
The CIELCh color **81, 48.808, 182.780** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **48, 81.987, 30.559**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.257, 197.016**, and **62, 40.991, 180.796** is the 20% darker color. If you saturate the color by 10%, you get **81, 50.243, 181.563**, and if you desaturate by 10%, it is **81, 46.521, 183.892**.

Distribution



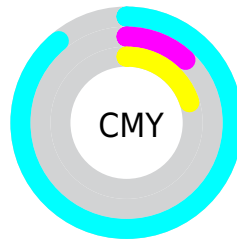
- Red (11%)
- Green (88%)
- Blue (80%)



- Red (11%)
- Yellow (52%)
- Blue (88%)



- Cyan (88%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)




- Cyan (89%)
- Magenta (12%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 48.808, 182.780 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 81, 48.808, 182.780 by changing the saturation by 10% instead.


 81, 48.808,
182.780


 81, 48.808,
182.780


 100, 48.808,
182.780


 71, 48.808,
182.780

 61, 48.808,
182.780

 51, 48.808,
182.780

 41, 48.808,
182.780

 31, 48.808,
182.780

 21, 48.808,
182.780

 11, 48.808,

182.780

■ 1, 48.808, 182.780

■ 0, 48.808, 182.780

■ 81, 48.808,
182.780

■ 81, 48.808,
182.780

■ 81, 50.243,
181.563

■ 81, 46.521,
183.892

■ 81, 50.540,
181.257

■ 82, 43.269,
184.914

■ 82, 39.035,
185.864

■ 83, 33.866,
186.760

■ 84, 27.855,

187.618

■ 85, 21.125,
188.451

■ 87, 13.812,
189.272

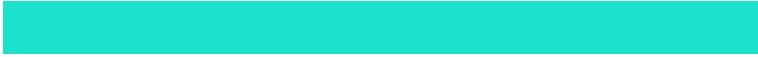
■ 88, 6.051, 190.117

■ 90, 2.031, 10.513

Harmonies

Complementary

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



81, 48.808, 182.780



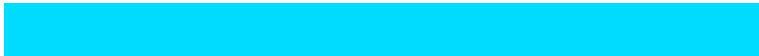
48, 81.987, 30.559

Rectangle

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



81, 48.808, 182.780



81, 48.808, 232.780



81, 48.808, 2.780



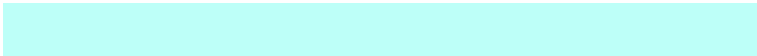
81, 48.808, 52.780

Sweetspot

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



81, 48.808, 182.779



96, 22.176, 188.561



79, 103.899, 135.492



50, 14.875, 188.273



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 48.808, 182.779



90, 55.596, 181.163



59, 47.204, 264.419



46, 4.543, 189.947



65, 41.970, 181.476



17, 16.911, 183.697

Inverse Universe

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



48, 81.987, 30.559



53, 99.813, 36.392



58, 74.115, 53.970



44, 4.766, 11.339



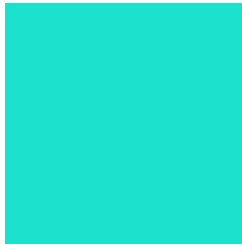
36, 74.629, 35.330



6, 25.338, 16.441

Previews

White Background



This preview shows how the CIELCh color 81, 48.808, 182.780 looks on a white background.

Color Contrast Check

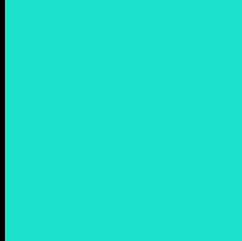
Large Text (above 18pt) WCAG AA × Fail

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 81, 48.808, 182.780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

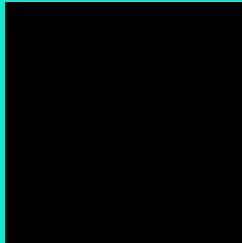
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

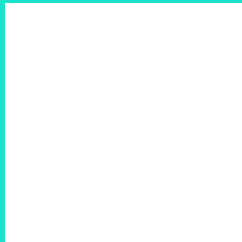
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 48.808, 182.780

Background



This preview shows how black text looks on a background with the CIELCh color 81, 48.808, 182.780.

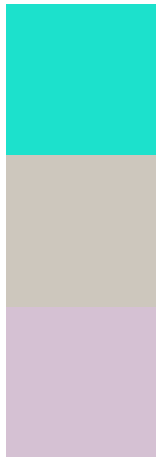


This preview shows how white text looks on a background with the CIELCh color 81, 48.808, 182.780.

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
81, 48.808, 182.780

Protanopia
80, 5.742, 86.624

Deuteranopia
80, 12.068, 327.789



Tritanopia
81, 39.701, 211.027

Trichromacy



Original Color
81, 48.808, 182.780



Protanomaly
79, 24.177, 179.532



Deuteranomaly
79, 19.608, 202.743

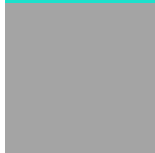


Tritanomaly
81, 42.091, 199.539

Monochromacy



Original Color
81, 48.808, 182.780



Achromatopsia
67, 0.008, 296.813



Achromatomaly
71, 24.161, 188.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 48.808, 182.780 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(28, 225, 204)` looks like.

```
.text, #text, p{  
    color:rgb(28, 225, 204)  
}
```

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(28, 225, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 225, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 48.808, 182.780 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(28, 225, 204) }
```

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

```
.border{ border-color:rgb(28, 225, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 225, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 225, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 225, 204);  
box-shadow:4px 4px 4px 4px rgb(28, 225,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 48.808, 182.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 225, 204) }
```

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

```
.background{ background-color: rgb(28, 225,  
204) }
```

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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