

Converting Colors

CIELCh(81, 43.678, 210.235)

Have a look what the booklet for
CIELCh(81, 43.678, 210.235)
contains.

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Color

CIELCh(81, 43.497, 210.284)

Conversions

Conversions Part 1

Format	Color
Hex	00DEF1
RGB	0, 222, 241
RGB Percent	0%, 87%, 95%
CMY	1.0000, 0.1302, 0.0557
CMYK	1.00, 0.08, 0.00, 0.06
HSL	185°, 100%, 47%
HSV	185°, 100%, 94%
XYZ	41.9022, 58.4711, 92.1447
YIQ	157.7880, -138.4110, -41.1550

Conversions

Conversions Part 2

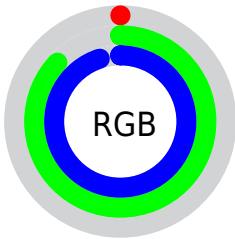
Format	Color
RYB	0, 116, 241
Decimal	57073
CIELab	81.00, -37.56, -21.93
CIELCh	81, 43.497, 210.284
Yxy	58.4711, 0.2177, 0.3037
Android (android.graphics.Color)	4278247153 (0xFF00DEF1)
YUV	157.7880, 41.0235, -138.3801
Hunter-Lab	76.4664, -36.0014, -17.9201

Details

The CIELCh color **81, 43.497, 210.284** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **51, 99.057, 40.673**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.632, 196.994**, and **62, 35.001, 214.739** is the 20% darker color. If you saturate the color by 10%, you get **81, 43.469, 210.293**, and if you desaturate by 10%, it is **82, 43.140, 208.993**.

Distribution



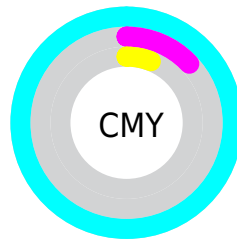
- Red (0%)
- Green (87%)
- Blue (95%)



- Red (0%)
- Yellow (45%)
- Blue (95%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)




- Cyan (100%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 43.497, 210.284 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, 43.497, 210.284 by changing the saturation by 10% instead.


 81, 43.497,
210.284

 81, 43.497,
210.284


 100, 43.497,
210.284


 71, 43.497,
210.284

 61, 43.497,
210.284

 51, 43.497,
210.284

 41, 43.497,
210.284

 31, 43.497,
210.284

 21, 43.497,
210.284

 11, 43.497,

210.284

■ 1, 43.497, 210.284

■ 0, 43.497, 210.284

■ 81, 43.497,
210.284

■ 81, 43.497,
210.284

■ 81, 43.469,
210.293

■ 82, 43.140,
208.993

■ 82, 42.024,
207.939

■ 83, 39.917,
207.146

■ 85, 36.771,
206.587

■ 86, 32.607,

206.233

■ 87, 27.499,
206.054

■ 89, 21.557,
206.024

■ 91, 14.908,
206.121

■ 93, 7.681, 206.342

Harmonies

Complementary

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



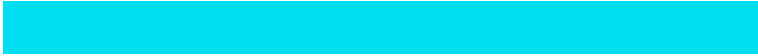
81, 43.497, 210.284



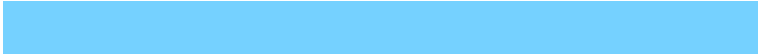
51, 99.057, 40.673

Rectangle

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



81, 43.497, 210.284



81, 43.497, 260.284



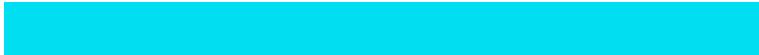
81, 43.497, 30.284



81, 43.497, 80.284

Sweetspot

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



81, 43.469, 210.293



94, 22.573, 206.024



83, 113.550, 136.429



49, 15.130, 206.020



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, 43.469, 210.293



85, 45.385, 210.341



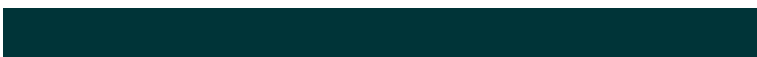
47, 80.124, 290.673



49, 4.354, 206.359



63, 35.515, 210.033



19, 15.676, 207.956

Inverse Universe

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



56, 103.914, 331.706



59, 108.498, 331.718



67, 79.978, 65.703



47, 8.157, 327.161



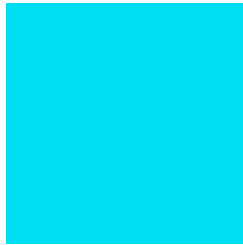
43, 84.880, 331.642



10, 37.374, 331.133

Previews

White Background



This preview shows how the CIE LCh color 81, 43.497, 210.284 looks on a white background.

Color Contrast Check

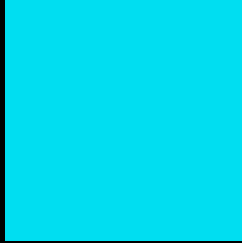
Large Text (above 18pt) WCAG AA × Fail

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, 43.497, 210.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

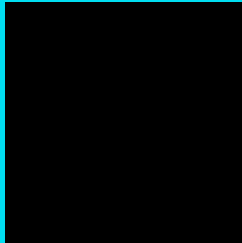
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 43.497, 210.284

Background



This preview shows how black text looks on a background with the CIELCh color 81, 43.497, 210.284.

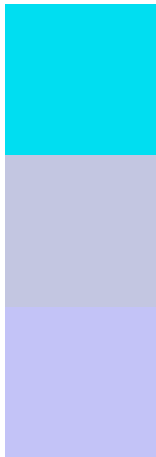


This preview shows how white text looks on a background with the CIELCh color 81, 43.497, 210.284.

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](#).

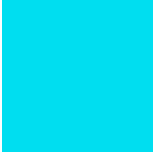
Dichromacy



Original Color
81, 43.497, 210.284

Protanopia
80, 14.397, 287.341

Deuteranopia
80, 27.721, 292.600

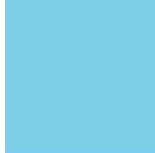


Tritanopia
81, 43.525, 209.532

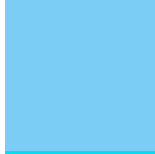
Trichromacy



Original Color
81, 43.497, 210.284



Protanomaly
79, 27.405, 226.032



Deuteranomaly
79, 30.799, 242.580

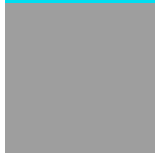


Tritanomaly
81, 43.525, 209.532

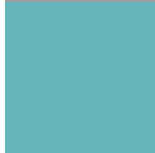
Monochromacy



Original Color
81, 43.497, 210.284



Achromatopsia
65, 0.008, 296.813



Achromatomaly
69, 25.257, 206.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 43.497, 210.284 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(0, 222, 241)` looks like.

```
.text, #text, p{  
    color:rgb(0, 222, 241)  
}
```

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(0, 222, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 222, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 43.497, 210.284 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(0, 222, 241) }
```

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

```
.border{ border-color:rgb(0, 222, 241) }
```

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

Here you see how a box with a 4 pixel rgb(0, 222, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 222, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 222, 241);  
box-shadow:4px 4px 4px 4px rgb(0, 222,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 43.497, 210.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 222, 241) }
```

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

```
.background{ background-color: rgb(0, 222,  
241) }
```

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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