

Converting Colors

CIELCh(82, 43.969, 212.340)

Have a look what the booklet for
CIELCh(82, 43.969, 212.340)
contains.

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Color

CIELCh(82, 43.896, 212.336)

Conversions

Conversions Part 1

Format	Color
Hex	00E1F7
RGB	0, 225, 247
RGB Percent	0%, 88%, 97%
CMY	1.0000, 0.1193, 0.0330
CMYK	1.00, 0.09, 0.00, 0.03
HSL	185°, 100%, 48%
HSV	185°, 100%, 97%
XYZ	43.5020, 60.2982, 97.0037
YIQ	160.2330, -141.1620, -40.8580

Conversions

Conversions Part 2

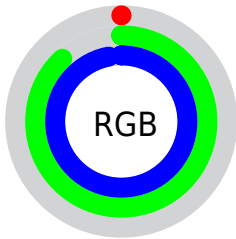
Format	Color
RYB	0, 118, 247
Decimal	57847
CIELab	82.00, -37.09, -23.48
CIELCh	82, 43.896, 212.336
Yxy	60.2982, 0.2166, 0.3003
Android (android.graphics.Color)	4278247927 (0xFF00E1F7)
YUV	160.2330, 42.7761, -140.5243
Hunter-Lab	77.6519, -35.8918, -19.7095

Details

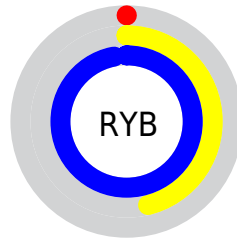
The CIELCh color **82, 43.896, 212.336** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **52, 100.669, 40.786**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.257, 197.016**, and **63, 35.542, 217.344** is the 20% darker color. If you saturate the color by 10%, you get **82, 43.836, 212.360**, and if you desaturate by 10%, it is **83, 43.520, 210.843**.

Distribution



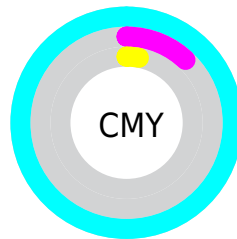
- Red (0%)
- Green (88%)
- Blue (97%)



- Red (0%)
- Yellow (46%)
- Blue (97%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)





- Cyan (100%)
- Magenta (12%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 43.896, 212.336 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, 43.896, 212.336 by changing the saturation by 10% instead.


 82, 43.896,
212.336


 82, 43.896,
212.336


 100, 43.896,
212.336


 72, 43.896,
212.336

 62, 43.896,
212.336

 52, 43.896,
212.336

 42, 43.896,
212.336

 32, 43.896,
212.336

 22, 43.896,
212.336

 12, 43.896,

212.336

■ 2, 43.896, 212.336

■ 0, 43.896, 212.336

■ 82, 43.896,
212.336

■ 82, 43.896,
212.336

■ 82, 43.836,
212.360

■ 83, 43.520,
210.843

■ 84, 42.408,
209.608

■ 85, 40.293,
208.667

■ 86, 37.125,
207.987

■ 87, 32.926,

207.535

■ 89, 27.771,
207.277

■ 91, 21.772,
207.180

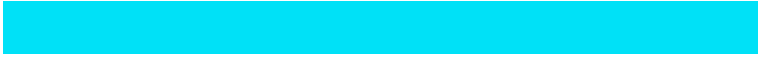
■ 93, 15.057,
207.221

■ 95, 7.758, 207.394

Harmonies

Complementary

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



82, 43.896, 212.336



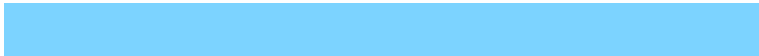
52, 100.669, 40.786

Rectangle

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



82, 43.896, 212.336



82, 43.896, 262.336



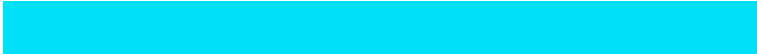
82, 43.896, 32.336



82, 43.896, 82.336

Sweetspot

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



82, 43.836, 212.360



93, 22.368, 207.180



85, 115.234, 136.561



49, 14.992, 207.203



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, 43.836, 212.360



85, 44.958, 212.392



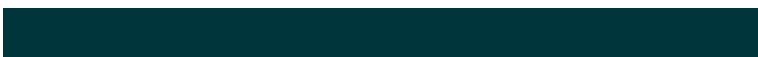
47, 84.258, 291.980



50, 4.389, 207.408



63, 35.542, 212.053



20, 15.975, 209.763

Inverse Universe

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



57, 104.919, 332.212



59, 107.607, 332.220



69, 81.097, 67.179



48, 8.240, 327.471



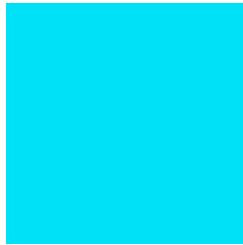
43, 85.059, 332.137



10, 38.170, 331.576

Previews

White Background



This preview shows how the CIE LCh color 82, 43.896, 212.336 looks on a white background.

Color Contrast Check

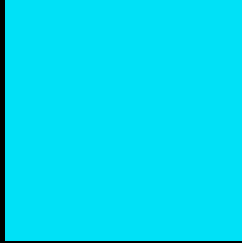
Large Text (above 18pt) WCAG AA × Fail

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, 43.896, 212.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

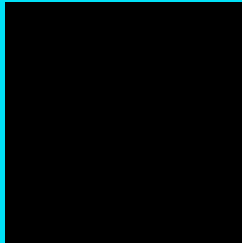
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 43.896, 212.336

Background



This preview shows how black text looks on a background with the CIELCh color 82, 43.896, 212.336.

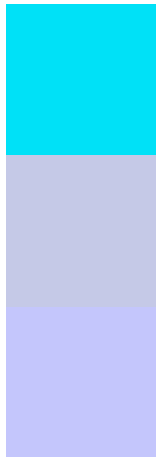


This preview shows how white text looks on a background with the CIELCh color 82, 43.896, 212.336.

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

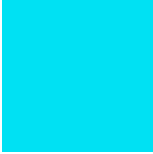
82, 43.896, 212.336

Protanopia

82, 15.962, 286.673

Deuteranopia

81, 28.699, 291.366

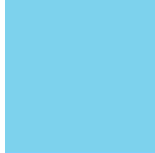


Tritanopia
82, 43.975, 209.362

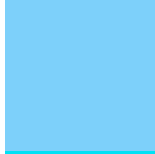
Trichromacy



Original Color
82, 43.896, 212.336



Protanomaly
80, 28.351, 228.683



Deuteranomaly
80, 31.716, 243.544

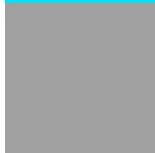


Tritanomaly
82, 43.945, 210.104

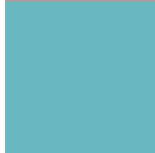
Monochromacy



Original Color
82, 43.896, 212.336



Achromatopsia
66, 0.008, 296.813



Achromatomaly
70, 25.498, 207.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 43.896, 212.336 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, 225, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 225, 247)  
}
```

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, 225, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 225, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 43.896, 212.336 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, 225, 247) }
```

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

```
.border{ border-color:rgb(0, 225, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 225, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 225, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 225, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 225,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 43.896, 212.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 225, 247) }
```

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

```
.background{ background-color: rgb(0, 225,  
247) }
```

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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