

Converting Colors

CIELCh(82, 42.131, 210.042)

Have a look what the booklet for
CIELCh(82, 42.131, 210.042)
contains.

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Color

CIELCh(82, 42.080, 210.057)

Conversions

Conversions Part 1

Format	Color
Hex	2BE0F2
RGB	43, 224, 242
RGB Percent	17%, 88%, 95%
CMY	0.8305, 0.1212, 0.0506
CMYK	0.82, 0.07, 0.00, 0.05
HSL	185°, 89%, 56%
HSV	185°, 82%, 95%
XYZ	43.7285, 60.2982, 93.4151
YIQ	171.9330, -113.6540, -32.7740

Conversions

Conversions Part 2

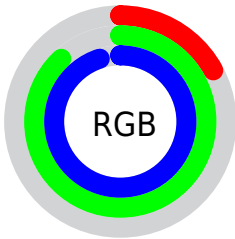
Format	Color
R _Y B	43, 138, 242
Decimal	2875634
CIE Lab	82.00, -36.42, -21.08
CIE LCh	82, 42.080, 210.057
Yxy	60.2982, 0.2215, 0.3054
Android (android.graphics.Color)	4281065714 (0xFF2BE0F2)
YUV	171.9330, 34.5430, -113.0742
Hunter-Lab	77.6519, -35.3712, -16.9694

Details

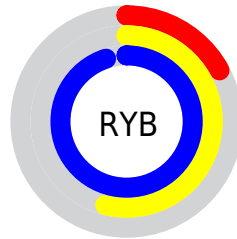
The CIELCh color **82, 42.080, 210.057** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **54, 84.760, 37.753**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.280, 197.133**, and **63, 35.299, 213.555** is the 20% darker color. If you saturate the color by 10%, you get **81, 42.985, 211.376**, and if you desaturate by 10%, it is **83, 40.209, 209.038**.

Distribution



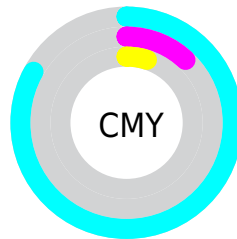
- Red (17%)
- Green (88%)
- Blue (95%)



- Red (17%)
- Yellow (54%)
- Blue (95%)



- Cyan (82%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)





- Cyan (83%)
- Magenta (12%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 42.080, 210.057 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, 42.080, 210.057 by changing the saturation by 10% instead.


 82, 42.080,
210.057


 82, 42.080,
210.057


 100, 42.080,
210.057


 72, 42.080,
210.057

 62, 42.080,
210.057

 52, 42.080,
210.057

 42, 42.080,
210.057

 32, 42.080,
210.057

 22, 42.080,
210.057

 12, 42.080,

210.057

■ 2, 42.080, 210.057

■ 0, 42.080, 210.057

■ 82, 42.080,
210.057

■ 82, 42.080,
210.057

■ 81, 42.985,
211.376

■ 83, 40.209,
209.038

■ 81, 43.186,
212.606

■ 84, 37.307,
208.292

■ 86, 33.381,
207.783

■ 87, 28.497,
207.476

■ 89, 22.758,

207.339

■ 91, 16.287,
207.345

■ 93, 9.216, 207.481

■ 95, 1.668, 207.990

■ 97, 4.067, 31.955

Harmonies

Complementary

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



82, 42.080, 210.057



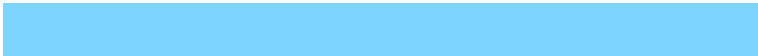
54, 84.760, 37.753

Rectangle

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



82, 42.080, 210.057



82, 42.080, 260.057



82, 42.080, 30.057



82, 42.080, 80.057

Sweetspot

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



82, 42.079, 210.056



94, 18.981, 207.330



84, 104.758, 138.339



50, 12.778, 207.326



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, 42.079, 210.056



85, 44.891, 212.496



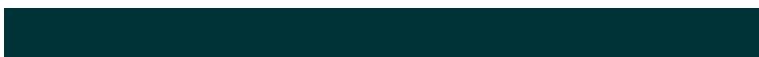
54, 67.264, 284.643



49, 4.309, 207.544



63, 35.143, 212.294



19, 15.518, 209.850

Inverse Universe

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



58, 99.064, 331.484



59, 107.401, 332.241



72, 71.220, 71.826



47, 8.091, 327.509



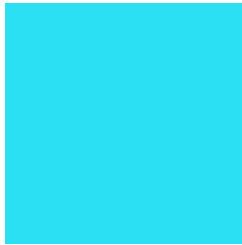
43, 84.111, 332.196



10, 37.081, 331.597

Previews

White Background



This preview shows how the CIE LCh color 82, 42.080, 210.057 looks on a white background.

Color Contrast Check

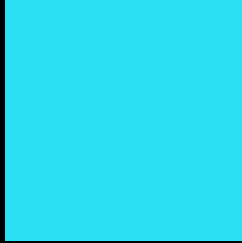
Large Text (above 18pt) WCAG AA × Fail

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, 42.080, 210.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

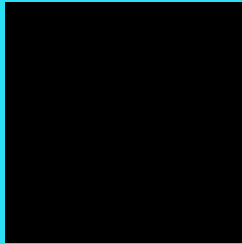
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 42.080, 210.057

Background



This preview shows how black text looks on a background with the CIELCh color 82, 42.080, 210.057.

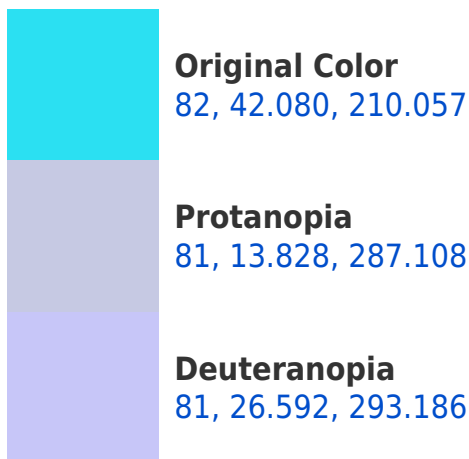


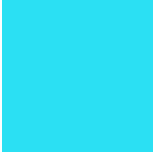
This preview shows how white text looks on a background with the CIELCh color 82, 42.080, 210.057.

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



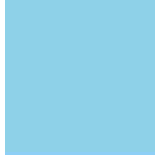


Tritanopia
82, 42.080, 210.057

Trichromacy



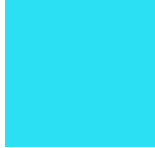
Original Color
82, 42.080, 210.057



Protanomaly
80, 23.703, 229.514



Deuteranomaly
80, 27.785, 247.267

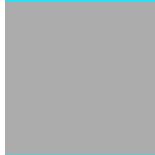


Tritanomaly
82, 42.080, 210.057

Monochromacy



Original Color
82, 42.080, 210.057



Achromatopsia
70, 0.009, 296.813



Achromatomaly
73, 21.651, 206.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 42.080, 210.057 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(43, 224, 242)` looks like.

```
.text, #text, p{  
    color:rgb(43, 224, 242)  
}
```

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(43, 224, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 224, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 42.080, 210.057 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(43, 224, 242) }
```

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

```
.border{ border-color:rgb(43, 224, 242) }
```

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

Here you see how a box with a 4 pixel rgb(43, 224, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 224, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 224, 242);  
box-shadow:4px 4px 4px 4px rgb(43, 224,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 42.080, 210.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 224, 242) }
```

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

```
.background{ background-color: rgb(43, 224,  
242) }
```

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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