

Converting Colors

CIELCh(82, 43.025, 219.619)

Have a look what the booklet for
CIELCh(82, 43.025, 219.619)
contains.

CIELCh(82, 43.015, 219.705)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 43.015, 219.705)

Conversions

Conversions Part 1

Format	Color
Hex	1EDFFE
RGB	30, 223, 254
RGB Percent	12%, 87%, 100%
CMY	0.8840, 0.1248, 0.0033
CMYK	0.88, 0.12, 0.00, 0.00
HSL	188°, 99%, 56%
HSV	188°, 88%, 100%
XYZ	44.8694, 60.2982, 103.1794
YIQ	168.8270, -124.9790, -31.2750

Conversions

Conversions Part 2

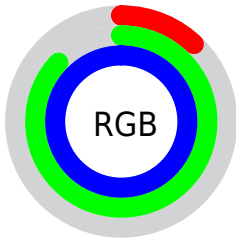
Format	Color
R _Y B	30, 134, 254
Decimal	2023422
CIE Lab	82.00, -33.09, -27.48
CIE LCh	82, 43.015, 219.705
Yxy	60.2982, 0.2154, 0.2894
Android (android.graphics.Color)	4280213502 (0xFF1EDFFE)
YUV	168.8270, 41.9903, -121.7513
Hunter-Lab	77.6519, -32.7487, -24.4248

Details

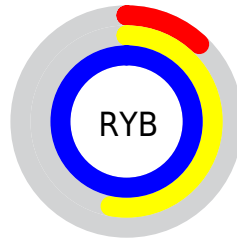
The CIELCh color **82, 43.015, 219.705** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **57, 92.884, 40.659**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.090, 197.085**, and **63, 35.875, 225.299** is the 20% darker color. If you saturate the color by 10%, you get **81, 43.519, 222.235**, and if you desaturate by 10%, it is **83, 41.690, 217.644**.

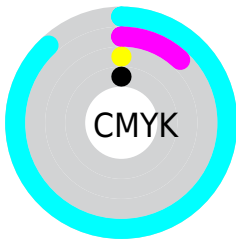
Distribution



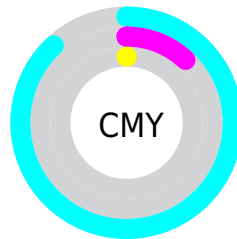
- Red (12%)
- Green (87%)
- Blue (100%)



- Red (12%)
- Yellow (53%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 43.015, 219.705 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, 43.015, 219.705 by changing the saturation by 10% instead.


 82, 43.015,
219.705


 82, 43.015,
219.705


 100, 43.015,
219.705


 72, 43.015,
219.705

 62, 43.015,
219.705

 52, 43.015,
219.705

 42, 43.015,
219.705

 32, 43.015,
219.705

 22, 43.015,
219.705

 12, 43.015,

219.705

■ 2, 43.015, 219.705

■ 0, 43.015, 219.705

■ 82, 43.015,
219.705

■ 82, 43.015,
219.705

■ 81, 43.519,
222.235

■ 83, 41.690,
217.644

■ 81, 43.572,
222.671

■ 85, 39.385,
216.032

■ 86, 36.051,
214.811

■ 88, 31.719,
213.919

■ 90, 26.471,

213.299

■ 93, 20.420,
212.901

■ 95, 13.694,
212.686

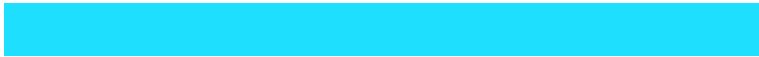
■ 97, 6.421, 212.650

100, 0.293, 91.886

Harmonies

Complementary

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



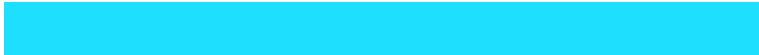
82, 43.015, 219.705



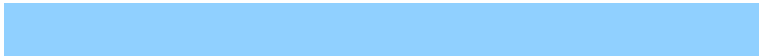
57, 92.884, 40.659

Rectangle

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



82, 43.015, 219.705



82, 43.015, 269.705



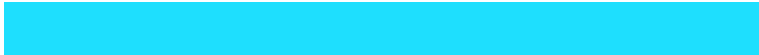
82, 43.015, 39.705



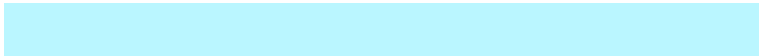
82, 43.015, 89.705

Sweetspot

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



82, 43.014, 219.704



93, 19.590, 212.861



88, 110.489, 138.520



49, 13.026, 212.966



0, 0.000, 0.000



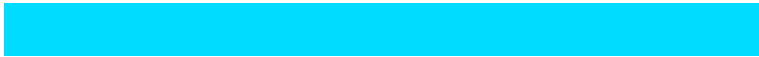
53, 0.007, 296.813

Same Dimension

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



82, 43.014, 219.704



81, 43.679, 222.676



51, 82.454, 290.987



52, 4.362, 212.642



62, 35.207, 222.162



20, 16.310, 218.649

Inverse Universe

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



59, 101.768, 333.953



58, 103.513, 334.762



76, 78.238, 74.915



50, 8.235, 328.999



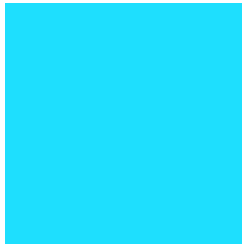
44, 83.529, 334.633



12, 38.926, 333.758

Previews

White Background



This preview shows how the CIE LCh color 82, 43.015, 219.705 looks on a white background.

Color Contrast Check

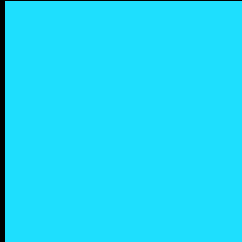
Large Text (above 18pt) WCAG AA × Fail

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, 43.015, 219.705 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, 43.015, 219.705

Background



This preview shows how black text looks on a background with the CIELCh color 82, 43.015, 219.705.



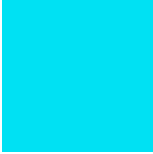
This preview shows how white text looks on a background with the CIELCh color 82, 43.015, 219.705.

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



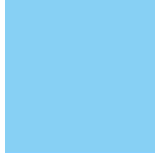


Tritanopia
82, 43.975, 209.362

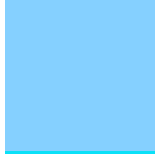
Trichromacy



Original Color
82, 42.970, 219.733



Protanomaly
80, 28.224, 241.456



Deuteranomaly
80, 32.137, 250.057

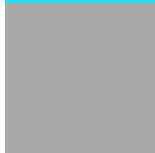


Tritanomaly
82, 43.511, 213.258

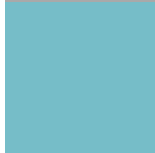
Monochromacy



Original Color
82, 42.970, 219.733



Achromatopsia
69, 0.009, 296.813



Achromatomaly
73, 23.123, 212.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 43.015, 219.705 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(30, 223, 254)` looks like.

```
.text, #text, p{  
    color:rgb(30, 223, 254)  
}
```

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(30, 223, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 223, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 43.015, 219.705 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(30, 223, 254) }
```

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

```
.border{ border-color:rgb(30, 223, 254) }
```

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

Here you see how a box with a 4 pixel rgb(30, 223, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 223, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 223, 254);  
box-shadow:4px 4px 4px 4px rgb(30, 223,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 43.015, 219.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 223, 254) }
```

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

```
.background{ background-color: rgb(30, 223,  
254) }
```

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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