

Converting Colors

CIELCh(81, 39.376, 228.191)

Have a look what the booklet for
CIELCh(81, 39.376, 228.191)
contains.

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Color

CIELCh(81, 39.370, 228.615)

Conversions

Conversions Part 1

Format	Color
Hex	4AD9FF
RGB	74, 217, 255
RGB Percent	29%, 85%, 100%
CMY	0.7083, 0.1480, 0.0000
CMYK	0.71, 0.15, 0.00, 0.00
HSL	193°, 100%, 65%
HSV	193°, 71%, 100%
XYZ	45.8286, 58.4711, 103.7083
YIQ	178.5750, -97.4260, -18.4980

Conversions

Conversions Part 2

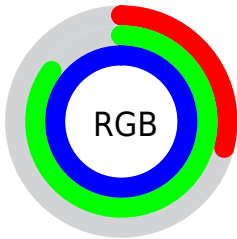
Format	Color
RYB	74, 154, 255
Decimal	4905471
CIELab	81.00, -26.03, -29.54
CIElCh	81, 39.370, 228.615
Yxy	58.4711, 0.2203, 0.2811
Android (android.graphics.Color)	4283095551 (0xFF4AD9FF)
YUV	178.5750, 37.6775, -91.7123
Hunter-Lab	76.4664, -26.8357, -26.8861

Details

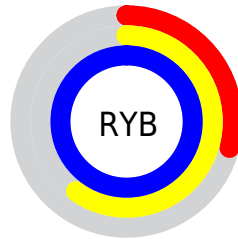
The CIELCh color **81, 39.370, 228.615** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **64, 70.334, 42.125**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.320, 197.370**, and **62, 36.080, 231.780** is the 20% darker color. If you saturate the color by 10%, you get **79, 41.702, 231.218**, and if you desaturate by 10%, it is **83, 36.067, 226.167**.

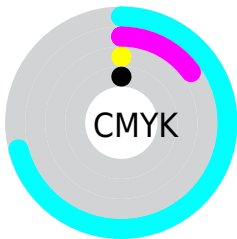
Distribution



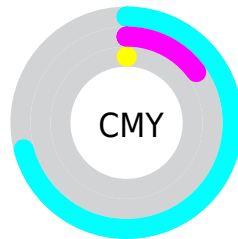
- Red (29%)
- Green (85%)
- Blue (100%)



- Red (29%)
- Yellow (60%)
- Blue (100%)



- Cyan (71%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 39.370, 228.615 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, 39.370, 228.615 by changing the saturation by 10% instead.

■ 81, 39.370,
228.615

■ 81, 39.370,
228.615

■ 100, 39.370,
228.615

■ 71, 39.370,
228.615

■ 61, 39.370,
228.615

■ 51, 39.370,
228.615

■ 41, 39.370,
228.615

■ 31, 39.370,
228.615

■ 21, 39.370,
228.615

■ 11, 39.370,

228.615

■ 1, 39.370, 228.615

■ 0, 39.370, 228.615

■ 81, 39.370,
228.615

■ 81, 39.370,
228.615

■ 79, 41.702,
231.218

■ 83, 36.067,
226.167

■ 77, 43.288,
234.695

■ 86, 31.914,
224.440

■ 76, 44.269,
238.404


■ 88, 26.922,
223.127


■ 91, 21.186,
222.149

■ 94, 14.816,

221.442

 97, 7.925, 220.968

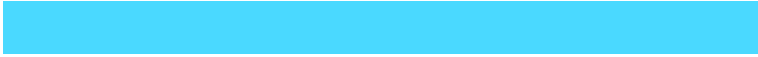
 100, 0.622,
221.581

 100, 0.012,
296.813

Harmonies

Complementary

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



81, 39.370, 228.615



64, 70.334, 42.125

Rectangle

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



81, 39.370, 228.615



81, 39.370, 278.615



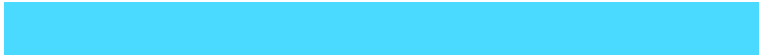
81, 39.370, 48.615



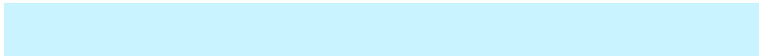
81, 39.370, 98.615

Sweetspot

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



81, 39.327, 228.398



94, 14.931, 221.452



89, 91.852, 142.967



49, 10.016, 221.624



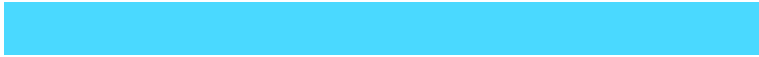
0, 0.000, 0.000



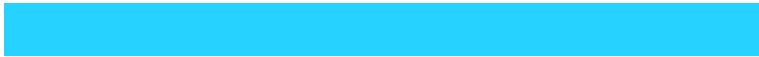
53, 0.007, 296.813

Same Dimension

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



81, 39.327, 228.398



78, 42.451, 232.588



56, 72.125, 289.023



52, 4.176, 220.924



58, 35.573, 237.616



19, 16.181, 232.122

Inverse Universe

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



63, 88.280, 335.933



59, 96.034, 337.262



84, 67.895, 84.020



50, 7.833, 331.415



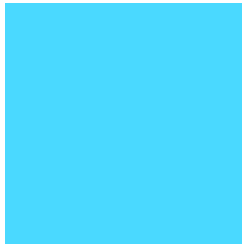
43, 79.155, 338.735



11, 37.104, 337.212

Previews

White Background



This preview shows how the CIE LCh color 81, 39.370, 228.615 looks on a white background.

Color Contrast Check

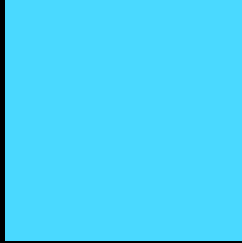
Large Text (above 18pt) WCAG AA × Fail

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, 39.370, 228.615 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, 39.370, 228.615

Background



This preview shows how black text looks on a background with the CIELCh color 81, 39.370, 228.615.

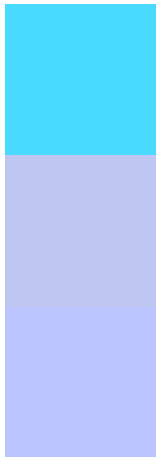


This preview shows how white text looks on a background with the CIELCh color 81, 39.370, 228.615.

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

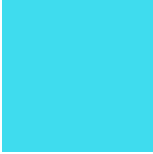
81, 39.370, 228.615

Protanopia

81, 22.976, 285.596

Deuteranopia

80, 31.460, 288.285



Tritanopia
81, 39.592, 211.073

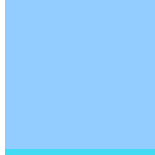
Trichromacy



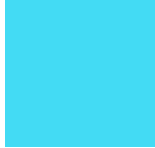
Original Color
81, 39.370, 228.615



Protanomaly
80, 27.217, 252.509



Deuteranomaly
80, 31.257, 259.809

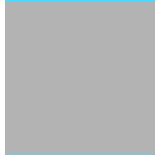


Tritanomaly
81, 39.134, 217.161

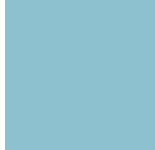
Monochromacy



Original Color
81, 39.370, 228.615



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 18.432, 222.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 39.370, 228.615 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(74, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(74, 217, 255)  
}
```

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(74, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 217, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 39.370, 228.615 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(74, 217, 255) }
```

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

```
.border{ border-color:rgb(74, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(74, 217,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 39.370, 228.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 217, 255) }
```

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

```
.background{ background-color: rgb(74, 217,  
255) }
```

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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