

Converting Colors

CIELCh(81, 39.074, 227.692)

Have a look what the booklet for
CIELCh(81, 39.074, 227.692)
contains.

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Color

CIELCh(81, 39.108, 227.922)

Conversions

Conversions Part 1

Format	Color
Hex	4BD9FE
RGB	75, 217, 254
RGB Percent	29%, 85%, 100%
CMY	0.7042, 0.1478, 0.0027
CMYK	0.70, 0.15, 0.00, 0.00
HSL	192°, 99%, 65%
HSV	192°, 70%, 100%
XYZ	45.7656, 58.4711, 102.9018
YIQ	178.7600, -96.5090, -18.5970

Conversions

Conversions Part 2

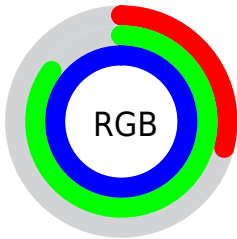
Format	Color
RYB	75, 154, 254
Decimal	4971006
CIELab	81.00, -26.21, -29.03
CIELCh	81, 39.108, 227.922
Yxy	58.4711, 0.2209, 0.2823
Android (android.graphics.Color)	4283161086 (0xFF4BD9FE)
YUV	178.7600, 37.0933, -90.9975
Hunter-Lab	76.4664, -26.9828, -26.2608

Details

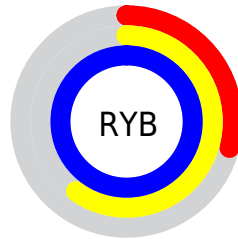
The CIELCh color **81, 39.108, 227.922** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **64, 69.671, 41.944**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.320, 197.370**, and **62, 35.908, 230.853** is the 20% darker color. If you saturate the color by 10%, you get **79, 41.505, 230.681**, and if you desaturate by 10%, it is **83, 35.819, 225.744**.

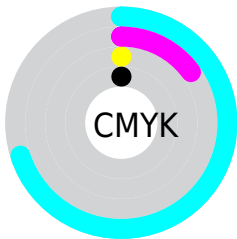
Distribution



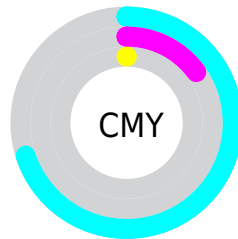
- Red (29%)
- Green (85%)
- Blue (100%)



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



- Cyan (70%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (70%)
- Magenta (15%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 39.108, 227.922 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, 39.108, 227.922 by changing the saturation by 10% instead.


 81, 39.108,
227.922


 81, 39.108,
227.922


 100, 39.108,
227.922


 71, 39.108,
227.922


 61, 39.108,
227.922

 51, 39.108,
227.922

 41, 39.108,
227.922

 31, 39.108,
227.922

 21, 39.108,
227.922

 11, 39.108,

227.922

■ 1, 39.108, 227.922

■ 0, 39.108, 227.922

■ 81, 39.108,
227.922

■ 81, 39.108,
227.922

■ 79, 41.505,
230.681

■ 83, 35.819,
225.744

■ 77, 43.102,
234.090

■ 86, 31.636,
224.060

■ 76, 44.119,
237.949


■ 88, 26.618,
222.784

■ 91, 20.859,
221.836

■ 94, 14.471,

221.154

 97, 7.567, 220.703

 100, 0.255,
222.830

100, 0.337,
109.923

Harmonies

Complementary

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



81, 39.108, 227.922



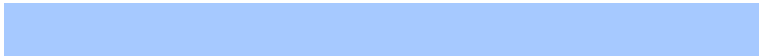
64, 69.671, 41.944

Rectangle

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



81, 39.108, 227.922



81, 39.108, 277.922



81, 39.108, 47.922



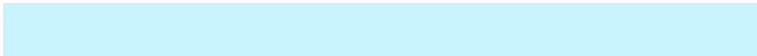
81, 39.108, 97.922

Sweetspot

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



81, 39.107, 227.921



94, 14.945, 221.192



89, 91.163, 143.047



49, 10.025, 221.361



0, 0.000, 0.000



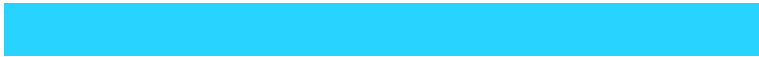
53, 0.007, 296.813

Same Dimension

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



81, 39.107, 227.921



79, 42.264, 231.856



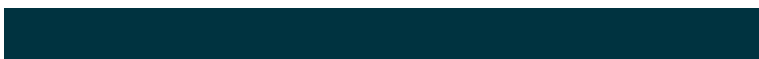
57, 71.422, 288.857



52, 4.180, 220.677



58, 35.530, 237.173



19, 16.173, 231.730

Inverse Universe

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



63, 87.839, 335.796



59, 95.819, 337.053



84, 67.341, 84.099



50, 7.844, 331.342



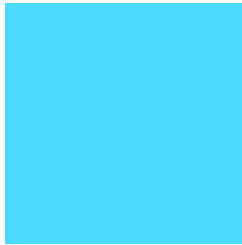
43, 79.274, 338.609



11, 37.154, 337.107

Previews

White Background



This preview shows how the CIE LCh color 81, 39.108, 227.922 looks on a white background.

Color Contrast Check

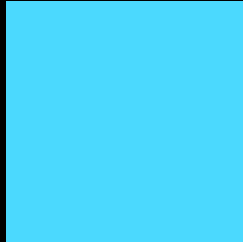
Large Text (above 18pt) WCAG AA × Fail

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, 39.108, 227.922 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, 39.108, 227.922

Background



This preview shows how black text looks on a background with the CIELCh color 81, 39.108, 227.922.



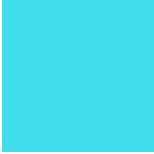
This preview shows how white text looks on a background with the CIELCh color 81, 39.108, 227.922.

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
81, 39.367, 211.169

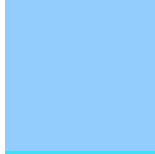
Trichromacy



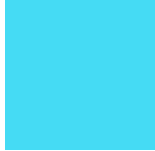
Original Color
81, 39.108, 227.922



Protanomaly
80, 27.217, 252.509



Deuteranomaly
80, 31.257, 259.809

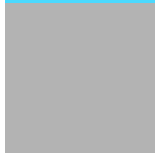


Tritanomaly
81, 38.907, 217.297

Monochromacy



Original Color
81, 39.108, 227.922



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 18.280, 220.981

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 39.108, 227.922 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(75, 217, 254)` looks like.

```
.text, #text, p{  
    color:rgb(75, 217, 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(75, 217, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 217, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 39.108, 227.922 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(75, 217, 254) }
```

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

```
.border{ border-color:rgb(75, 217, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 217, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 217, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 217, 254);  
box-shadow:4px 4px 4px 4px rgb(75, 217,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 39.108, 227.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 217, 254) }
```

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

```
.background{ background-color: rgb(75, 217,  
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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