

Converting Colors

CIELCh(81, 29.398, 265.382)

Have a look what the booklet for
CIELCh(81, 29.398, 265.382)
contains.

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Color

CIElCh(81, 29.216, 265.121)

Conversions

Conversions Part 1

Format	Color
Hex	A1CDFF
RGB	161, 205, 255
RGB Percent	63%, 80%, 100%
CMY	0.3685, 0.1960, 0.0000
CMYK	0.37, 0.20, 0.00, 0.00
HSL	212°, 100%, 82%
HSV	212°, 37%, 100%
XYZ	54.5900, 58.4711, 103.0322
YIQ	197.5440, -42.2740, 6.2220

Conversions

Conversions Part 2

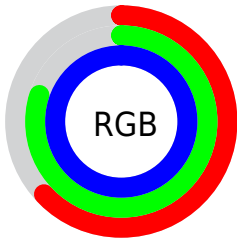
Format	Color
RYB	161, 191, 255
Decimal	10604031
CIELab	81.00, -2.48, -29.11
CIELCh	81, 29.216, 265.121
Yxy	58.4711, 0.2526, 0.2706
Android (android.graphics.Color)	4288794111 (0xFFA1CDFF)
YUV	197.5440, 28.3258, -32.0491
Hunter-Lab	76.4664, -6.3835, -26.3619

Details

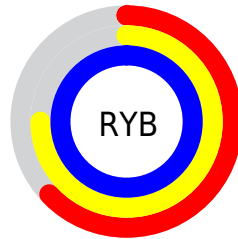
The CIELCh color **81, 29.216, 265.121** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **87, 31.778, 73.991**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.449, 198.674**, and **61, 29.101, 265.093** is the 20% darker color. If you saturate the color by 10%, you get **76, 36.966, 267.616**, and if you desaturate by 10%, it is **86, 21.363, 262.995**.

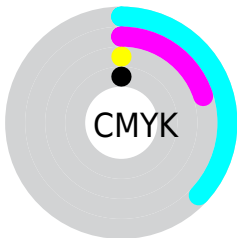
Distribution



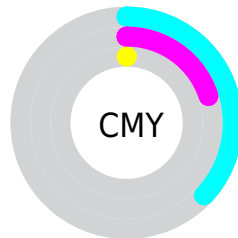
- Red (63%)
- Green (80%)
- Blue (100%)



- Red (63%)
- Yellow (75%)
- Blue (100%)



- Cyan (37%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 29.216, 265.121 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, 29.216, 265.121 by changing the saturation by 10% instead.

■ 81, 29.216,
265.121

■ 81, 29.216,
265.121

■ 100, 29.216,
265.121

■ 71, 29.216,
265.121

■ 61, 29.216,
265.121

■ 51, 29.216,
265.121

■ 41, 29.216,
265.121

■ 31, 29.216,
265.121

■ 21, 29.216,
265.121

■ 11, 29.216,

265.121

■ 1, 29.216, 265.121

■ 0, 29.216, 265.121

■ 81, 29.216,
265.121

■ 81, 29.216,
265.121

■ 76, 36.966,
267.616

■ 86, 21.363,
262.995

■ 71, 44.653,
270.572

■ 91, 13.449,
261.221

■ 66, 52.306,
274.005

■ 96, 5.485, 259.757

■ 62, 60.002,
277.901

100, 0.012,
296.813

■ 58, 67.839,

282.166

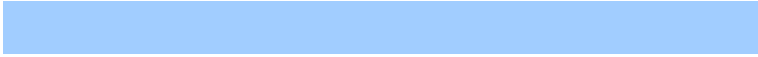
■ 54, 75.901,
286.610

■ 52, 78.500,
287.952

Harmonies

Complementary

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



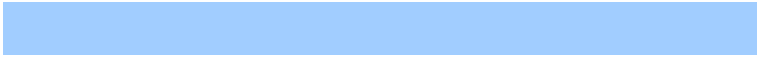
81, 29.216, 265.121



87, 31.778, 73.991

Rectangle

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



81, 29.216, 265.121



81, 29.216, 315.121



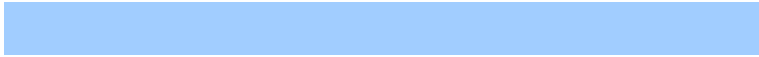
81, 29.216, 85.121



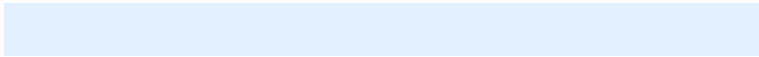
81, 29.216, 135.121

Sweetspot

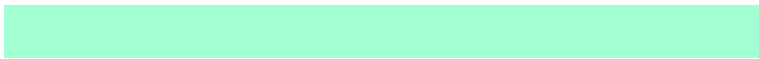
The Sweet Spot groups the original color and five complimentary colors.



81, 29.206, 265.108



94, 8.791, 260.324



93, 39.720, 160.908



50, 5.905, 260.522



0, 0.000, 0.000



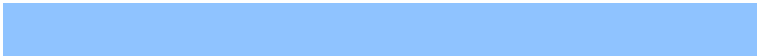
53, 0.007, 296.813

Same Dimension

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



81, 29.206, 265.108



77, 34.759, 266.857



70, 51.528, 295.565



50, 4.546, 260.112



40, 62.102, 287.150



11, 25.135, 280.854

Inverse Universe

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



77, 41.363, 349.185



73, 49.235, 350.175



98, 46.875, 107.348



50, 6.250, 346.180



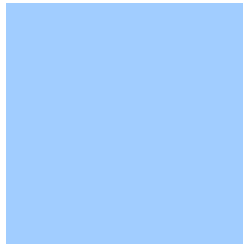
41, 68.023, 5.172



10, 31.605, 359.086

Previews

White Background



This preview shows how the CIE LCh color 81, 29.216, 265.121 looks on a white background.

Color Contrast Check

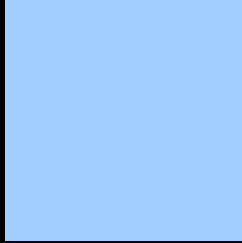
Large Text (above 18pt) WCAG AA × Fail

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, 29.216, 265.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

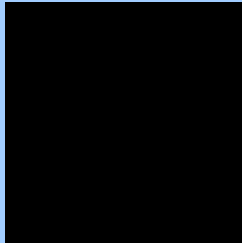
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

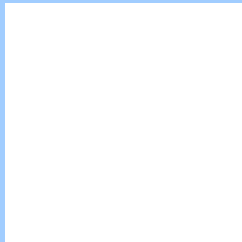
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 29.216, 265.121

Background



This preview shows how black text looks on a background with the CIELCh color 81, 29.216, 265.121.



This preview shows how white text looks on a background with the CIELCh color 81, 29.216, 265.121.

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, 29.216, 265.121

Protanopia

81, 27.767, 285.935

Deuteranopia

81, 30.872, 289.299



Tritanopia
81, 19.875, 225.513

Trichromacy



Original Color
81, 29.216, 265.121

Protanomaly
81, 27.816, 277.396

Deuteranomaly
81, 29.698, 280.494

Tritanomaly
81, 21.842, 243.790

Monochromacy



Original Color
81, 29.216, 265.121

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 10.930, 260.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 29.216, 265.121 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(161, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 205, 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(161, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 205, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 29.216, 265.121 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(161, 205, 255) }
```

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

```
.border{ border-color:rgb(161, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 205,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 29.216, 265.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 205, 255) }
```

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

```
.background{ background-color: rgb(161,  
205, 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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