

Converting Colors

CIELCh(81, 29.930, 284.854)

Have a look what the booklet for
CIELCh(81, 29.930, 284.854)
contains.

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Color

CIELCh(81, 29.931, 284.842)

Conversions

Conversions Part 1

Format	Color
Hex	BAC7FF
RGB	186, 199, 255
RGB Percent	73%, 78%, 100%
CMY	0.2708, 0.2198, 0.0002
CMYK	0.27, 0.22, 0.00, 0.00
HSL	229°, 100%, 86%
HSV	229°, 27%, 100%
XYZ	58.6887, 58.4711, 102.7526
YIQ	201.4970, -25.7240, 14.6600

Conversions

Conversions Part 2

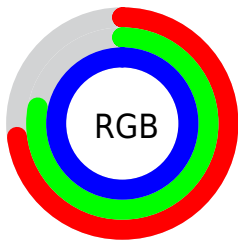
Format	Color
R _Y B	186, 197, 255
Decimal	12240895
CIE Lab	81.00, 7.67, -28.93
CIE LCh	81, 29.931, 284.842
Yxy	58.4711, 0.2669, 0.2659
Android (android.graphics.Color)	4290430975 (0xFFBAC7FF)
YUV	201.4970, 26.3770, -13.5909
Hunter-Lab	76.4664, 3.1844, -26.1451

Details

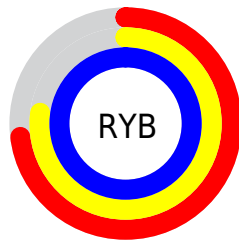
The CIELCh color **81, 29.931, 284.842** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95, 28.933, 97.937**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.141, 199.303**, and **61, 30.031, 284.807** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.664, 286.682**, and if you desaturate by 10%, it is **88, 18.579, 283.271**.

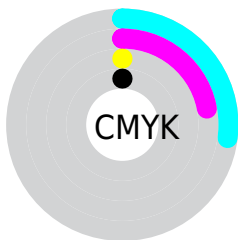
Distribution



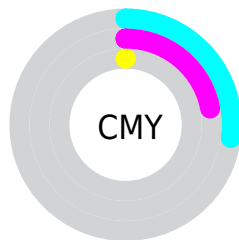
- Red (73%)
- Green (78%)
- Blue (100%)



- Red (73%)
- Yellow (77%)
- Blue (100%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (22%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 29.931, 284.842 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, 29.931, 284.842 by changing the saturation by 10% instead.


 81, 29.931,
284.842


 81, 29.931,
284.842


 100, 29.931,
284.842


 71, 29.931,
284.842

 61, 29.931,
284.842

 51, 29.931,
284.842

 41, 29.931,
284.842

 31, 29.931,
284.842

 21, 29.931,
284.842

 11, 29.931,

284.842

■ 1, 29.931, 284.842

■ 0, 29.931, 284.842

■ 81, 29.931,
284.842

■ 81, 29.931,
284.842

■ 74, 41.664,
286.682

■ 88, 18.579,
283.271

■ 67, 53.821,
288.828

■ 95, 7.581, 281.942

■ 60, 66.425,
291.293

100, 0.017,
105.550

■ 54, 79.451,
294.053

■ 48, 92.714,

297.008

■ 42, 105.693,
299.961

■ 38, 117.366,
302.626

■ 37, 120.372,
303.284

Harmonies

Complementary

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



81, 29.931, 284.842



95, 28.933, 97.937

Rectangle

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



81, 29.931, 284.842



81, 29.931, 334.842



81, 29.931, 104.842



81, 29.931, 154.842

Sweetspot

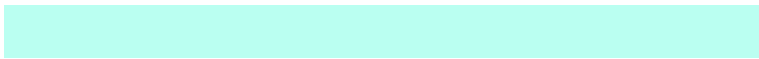
The Sweet Spot groups the original color and five complimentary colors.



81, 29.929, 284.841



94, 8.600, 282.056



95, 24.109, 180.735



49, 6.124, 282.245



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, 29.929, 284.841



78, 35.679, 285.714



79, 37.640, 303.631



49, 6.124, 282.245



27, 95.618, 302.867



6, 38.072, 297.940

Inverse Universe

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



82, 26.924, 7.089



79, 32.191, 7.814



97, 35.652, 120.215



50, 5.408, 4.963



40, 75.520, 30.450



10, 32.052, 19.302

Previews

White Background



This preview shows how the CIELCh color 81, 29.931, 284.842 looks on a white background.

Color Contrast Check

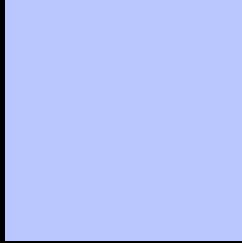
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 81, 29.931, 284.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

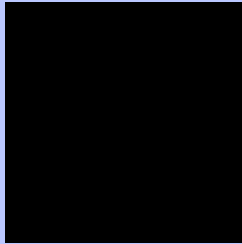
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 29.931, 284.842

Background



This preview shows how black text looks on a background with the CIELCh color 81, 29.931, 284.842.



This preview shows how white text looks on a background with the CIELCh color 81, 29.931, 284.842.

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

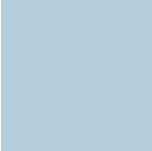
81, 29.931, 284.842

Protanopia

81, 29.898, 285.433

Deuteranopia

81, 30.860, 289.884



Tritanopia
81, 12.089, 243.843

Trichromacy



Original Color
81, 29.931, 284.842

Protanomaly
81, 29.898, 285.433

Deuteranomaly
81, 30.349, 287.982

Tritanomaly
81, 17.203, 267.614

Monochromacy



Original Color
81, 29.931, 284.842

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 11.228, 284.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 29.931, 284.842 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(186, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 199, 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(186, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 199, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 29.931, 284.842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

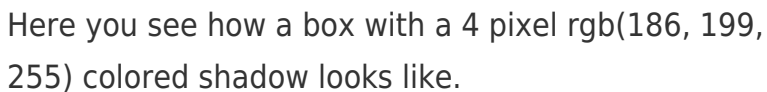
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 199, 255) }
```

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

```
.border{ border-color:rgb(186, 199, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 199, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 199, 255); box-shadow:4px 4px 4px 4px rgb(186, 199, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 29.931, 284.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 199, 255) }
```

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

```
.background{ background-color: rgb(186,  
199, 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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