

Converting Colors

CIELCh(81, 25.620, 285.114)

Have a look what the booklet for
CIELCh(81, 25.620, 285.114)
contains.

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Color

CIELCh(81, 25.643, 285.128)

Conversions

Conversions Part 1

Format	Color
Hex	BDC7F7
RGB	189, 199, 247
RGB Percent	74%, 78%, 97%
CMY	0.2583, 0.2191, 0.0308
CMYK	0.23, 0.19, 0.00, 0.03
HSL	230°, 79%, 86%
HSV	230°, 23%, 97%
XYZ	58.2866, 58.4711, 96.3263
YIQ	201.4820, -21.3680, 12.8080

Conversions

Conversions Part 2

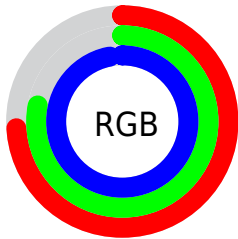
Format	Color
R _Y B	189, 198, 247
Decimal	12437495
CIE Lab	81.00, 6.69, -24.75
CIE LCh	81, 25.643, 285.128
Yxy	58.4711, 0.2735, 0.2744
Android (android.graphics.Color)	4290627575 (0xFFBDC7F7)
YUV	201.4820, 22.4404, -10.9467
Hunter-Lab	76.4664, 2.2456, -21.1623

Details

The CIELCh color **81, 25.643, 285.128** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94, 24.844, 99.333**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 199.421**, and **61, 26.024, 285.685** is the 20% darker color. If you saturate the color by 10%, you get **74, 37.182, 286.843**, and if you desaturate by 10%, it is **88, 14.485, 283.665**.

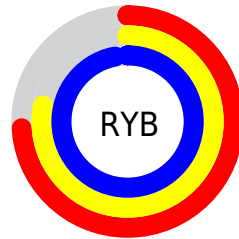
Distribution



Red (74%)

Green (78%)

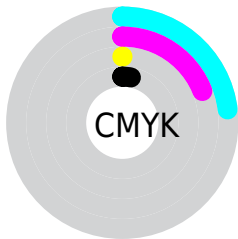
Blue (97%)



Red (74%)

Yellow (78%)

Blue (97%)

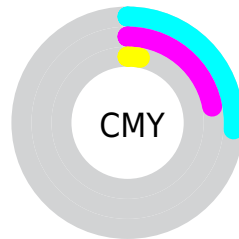


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (3%)



Cyan (26%)

Magenta (22%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 25.643, 285.128 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, 25.643, 285.128 by changing the saturation by 10% instead.

■ 81, 25.643,
285.128

■ 81, 25.643,
285.128

■ 100, 25.643,
285.128

■ 71, 25.643,
285.128

■ 61, 25.643,
285.128

■ 51, 25.643,
285.128

■ 41, 25.643,
285.128

■ 31, 25.643,
285.128

■ 21, 25.643,
285.128

■ 11, 25.643,

285.128

■ 1, 25.643, 285.128

■ 0, 25.643, 285.128

■ 81, 25.643,
285.128

■ 81, 25.643,
285.128

■ 74, 37.182,
286.843

■ 88, 14.485,
283.665

■ 67, 49.142,
288.848

■ 95, 3.682, 282.447

■ 60, 61.553,
291.165

■ 100, 3.972,
109.862

■ 54, 74.403,
293.782

■ 47, 87.557,

296.626

■ 42, 100.585,
299.528

■ 37, 112.572,
302.223

■ 35, 119.217,
303.692

Harmonies

Complementary

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



81, 25.643, 285.128



94, 24.844, 99.333

Rectangle

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



81, 25.643, 285.128



81, 25.643, 335.128



81, 25.643, 105.128



81, 25.643, 155.128

Sweetspot

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



81, 25.641, 285.126



95, 7.649, 282.845



93, 20.367, 182.420



50, 4.974, 282.918



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, 25.641, 285.126



80, 31.614, 285.878



80, 31.688, 303.925



47, 6.029, 283.147



26, 95.072, 303.295



5, 35.135, 296.590

Inverse Universe

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



82, 22.493, 7.817



81, 27.839, 8.438



95, 30.285, 121.091



48, 5.203, 6.189



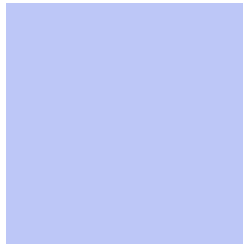
39, 74.732, 31.479



8, 30.108, 17.945

Previews

White Background



This preview shows how the CIELCh color 81, 25.643, 285.128 looks on a white background.

Color Contrast Check

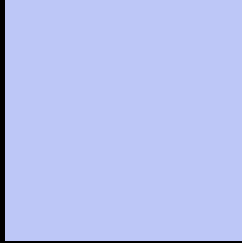
Large Text (above 18pt) WCAG AA × Fail

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, 25.643, 285.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

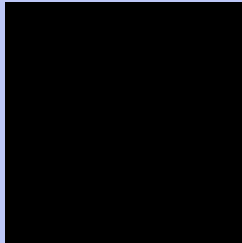
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 25.643, 285.128

Background



This preview shows how black text looks on a background with the CIELCh color 81, 25.643, 285.128.



This preview shows how white text looks on a background with the CIELCh color 81, 25.643, 285.128.

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

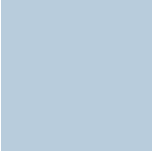
81, 25.643, 285.128

Protanopia

81, 25.612, 285.839

Deuteranopia

81, 27.140, 292.535



Tritanopia
81, 10.784, 251.343

Trichromacy



Original Color
81, 25.643, 285.128

Protanomaly
81, 25.612, 285.839

Deuteranomaly
81, 26.595, 289.678

Tritanomaly
81, 15.684, 271.393

Monochromacy



Original Color
81, 25.643, 285.128

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 9.117, 282.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 25.643, 285.128 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(189, 199, 247)` looks like.

```
.text, #text, p{  
    color:rgb(189, 199, 247)  
}
```

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(189, 199, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 199, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 25.643, 285.128 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(189, 199, 247) }
```

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

```
.border{ border-color:rgb(189, 199, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 199, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 199, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 199, 247);  
box-shadow:4px 4px 4px 4px rgb(189, 199,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 25.643, 285.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 199, 247) }
```

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

```
.background{ background-color: rgb(189,  
199, 247) }
```

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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