

Converting Colors

CIELCh(81, 25.922, 303.243)

Have a look what the booklet for
CIELCh(81, 25.922, 303.243)
contains.

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Color

CIELCh(81, 26.148, 303.515)

Conversions

Conversions Part 1

Format	Color
Hex	D1C2F2
RGB	209, 194, 242
RGB Percent	82%, 76%, 95%
CMY	0.1809, 0.2397, 0.0515
CMYK	0.14, 0.20, 0.00, 0.05
HSL	259°, 65%, 85%
HSV	259°, 20%, 95%
XYZ	61.5334, 58.4711, 91.9486
YIQ	203.9570, -6.4680, 18.1080

Conversions

Conversions Part 2

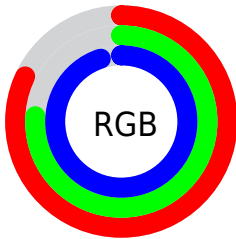
Format	Color
R _Y B	209, 194, 242
Decimal	13746930
CIE Lab	81.00, 14.44, -21.80
CIE LCh	81, 26.148, 303.515
Yxy	58.4711, 0.2903, 0.2759
Android (android.graphics.Color)	4291937010 (0xFFD1C2F2)
YUV	203.9570, 18.7552, 4.4227
Hunter-Lab	76.4664, 9.8248, -17.7680

Details

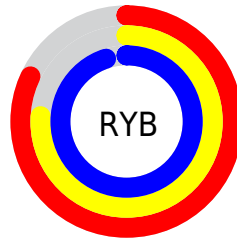
The CIELCh color **81, 26.148, 303.515** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93, 25.171, 121.140**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.492, 324.405**, and **61, 26.509, 303.561** is the 20% darker color. If you saturate the color by 10%, you get **74, 40.005, 304.267**, and if you desaturate by 10%, it is **88, 12.744, 302.843**.

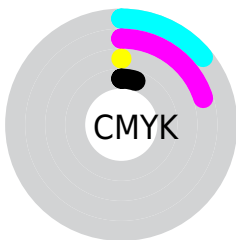
Distribution



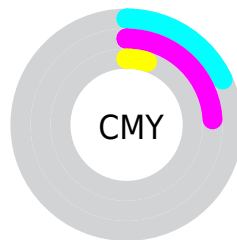
- Red (82%)
- Green (76%)
- Blue (95%)



- Red (82%)
- Yellow (76%)
- Blue (95%)



- Cyan (14%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)





- Cyan (18%)
- Magenta (24%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 26.148, 303.515 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, 26.148, 303.515 by changing the saturation by 10% instead.


 81, 26.148,
303.515


 81, 26.148,
303.515


 100, 26.148,
303.515


 71, 26.148,
303.515

 61, 26.148,
303.515

 51, 26.148,
303.515

 41, 26.148,
303.515

 31, 26.148,
303.515

 21, 26.148,
303.515

 11, 26.148,

303.515

■ 1, 26.148, 303.515

■ 0, 26.148, 303.515

■ 81, 26.148,
303.515

■ 81, 26.148,
303.515

■ 74, 40.005,
304.267

■ 88, 12.744,
302.843

■ 67, 54.269,
305.097

■ 96, 0.191, 122.581

■ 59, 68.801,
305.985

■ 100, 6.643,
109.669

■ 53, 83.305,
306.885

■ 46, 97.208,

307.713

■ 41, 109.538,
308.334

■ 37, 118.957,
308.569

■ 34, 124.667,
308.340

■ 34, 124.747,
308.337

Harmonies

Complementary

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



81, 26.148, 303.515



93, 25.171, 121.140

Rectangle

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



81, 26.148, 303.515



81, 26.148, 353.515



81, 26.148, 123.515



81, 26.148, 173.515

Sweetspot

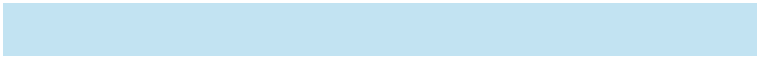
The Sweet Spot groups the original color and five complimentary colors.



81, 26.146, 303.514



95, 8.059, 302.606



88, 13.306, 233.321



50, 5.351, 302.646



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, 26.146, 303.514



82, 33.254, 303.822



83, 28.759, 319.692



46, 7.300, 302.820



25, 101.238, 308.496



4, 38.835, 306.345

Inverse Universe

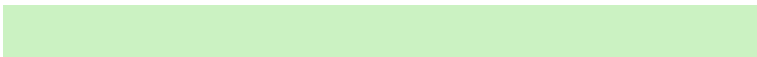
The Inverse Universe completely reimagines the original color for something new.



83, 24.482, 336.205



85, 30.949, 336.536



92, 28.486, 137.827



47, 6.915, 335.420



41, 71.569, 345.804



9, 32.135, 342.657

Previews

White Background



This preview shows how the CIELCh color 81, 26.148, 303.515 looks on a white background.

Color Contrast Check

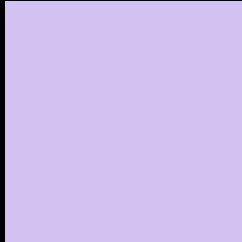
Large Text (above 18pt) WCAG AA × Fail

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, 26.148, 303.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

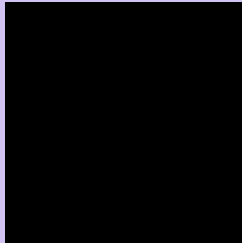
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 26.148, 303.515

Background



This preview shows how black text looks on a background with the CIELCh color 81, 26.148, 303.515.

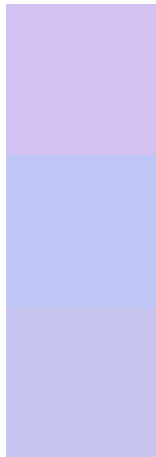


This preview shows how white text looks on a background with the CIELCh color 81, 26.148, 303.515.

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, 26.148, 303.515

Protanopia

81, 25.059, 286.373

Deuteranopia

81, 23.483, 295.481



Tritanopia
81, 8.204, 303.428

Trichromacy



Original Color
81, 26.148, 303.515

Protanomaly
81, 25.556, 293.140

Deuteranomaly
81, 24.160, 298.637

Tritanomaly
81, 14.764, 303.734

Monochromacy



Original Color
81, 26.148, 303.515

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 9.830, 303.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 26.148, 303.515 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(209, 194, 242)` looks like.

```
.text, #text, p{  
    color:rgb(209, 194, 242)  
}
```

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(209, 194, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 26.148, 303.515 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(209, 194, 242) }
```

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

```
.border{ border-color:rgb(209, 194, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 194, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 242);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 26.148, 303.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 242) }
```

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

```
.background{ background-color: rgb(209,  
194, 242) }
```

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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