

Converting Colors

CIELCh(83, 59.739, 301.395)

Have a look what the booklet for
CIELCh(83, 59.739, 301.395)
contains.

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Color

CIELCh(81, 35.034, 305.514)

Conversions

Conversions Part 1

Format	Color
Hex	D6BFFF
RGB	214, 191, 255
RGB Percent	84%, 75%, 100%
CMY	0.1627, 0.2528, 0.0019
CMYK	0.16, 0.25, 0.00, 0.00
HSL	262°, 98%, 87%
HSV	262°, 25%, 100%
XYZ	64.0918, 58.4711, 102.1009
YIQ	205.1730, -6.8360, 24.7800

Conversions

Conversions Part 2

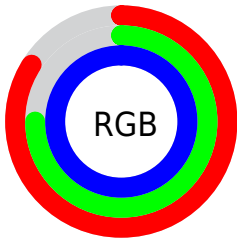
Format	Color
R _Y B	214, 191, 255
Decimal	14073855
CIE Lab	81.00, 20.35, -28.52
CIE LCh	81, 35.034, 305.514
Yxy	58.4711, 0.2853, 0.2603
Android (android.graphics.Color)	4292263935 (0xFFD6BFFF)
YUV	205.1730, 24.5647, 7.7413
Hunter-Lab	76.4664, 15.7972, -25.6398

Details

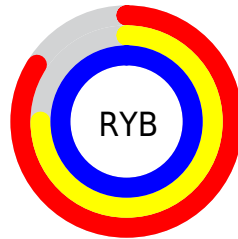
The CIELCh color **81, 35.034, 305.514** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **97, 33.459, 122.661**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.981, 324.553**, and **61, 35.319, 305.928** is the 20% darker color. If you saturate the color by 10%, you get **74, 49.734, 306.233**, and if you desaturate by 10%, it is **88, 20.748, 304.859**.

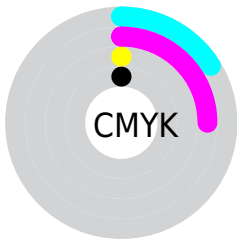
Distribution



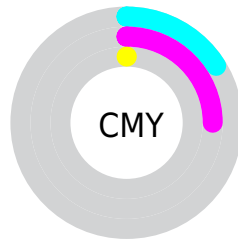
- Red (84%)
- Green (75%)
- Blue (100%)



- Red (84%)
- Yellow (75%)
- Blue (100%)



- Cyan (16%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (25%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 35.034, 305.514 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, 35.034, 305.514 by changing the saturation by 10% instead.


 81, 35.034,
305.514


 81, 35.034,
305.514


 100, 35.034,
305.514


 71, 35.034,
305.514

 61, 35.034,
305.514

 51, 35.034,
305.514

 41, 35.034,
305.514

 31, 35.034,
305.514

 21, 35.034,
305.514

 11, 35.034,

305.514

■ 1, 35.034, 305.514

■ 0, 35.034, 305.514

■ 81, 35.034,
305.514

■ 81, 35.034,
305.514

■ 74, 49.734,
306.233

■ 88, 20.748,
304.859

■ 66, 64.740,
307.004

■ 96, 6.926, 304.269

■ 59, 79.805,
307.790

100, 0.238,
109.835

■ 53, 94.459,
308.528

■ 47, 107.893,

309.112

■ 42, 118.913,
309.391

■ 38, 126.224,
309.203

■ 37, 128.586,
308.984

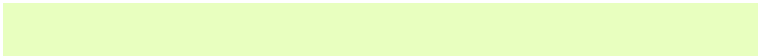
Harmonies

Complementary

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



81, 35.034, 305.514



97, 33.459, 122.661

Rectangle

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



81, 35.034, 305.514



81, 35.034, 355.514



81, 35.034, 125.514



81, 35.034, 175.514

Sweetspot

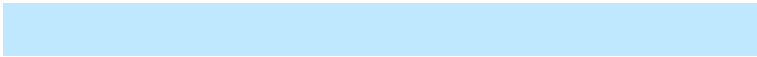
The Sweet Spot groups the original color and five complimentary colors.



81, 35.032, 305.513



94, 10.855, 304.433



90, 17.494, 240.692



49, 7.733, 304.520



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, 35.032, 305.513



78, 42.204, 305.856



84, 38.548, 321.452



49, 7.733, 304.520



27, 103.502, 309.156



5, 44.849, 309.149

Inverse Universe

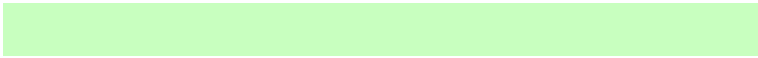
The Inverse Universe completely reimagines the original color for something new.



84, 31.346, 338.725



81, 37.482, 339.154



95, 38.224, 138.903



50, 7.037, 337.446



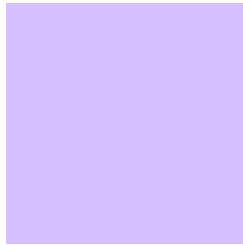
42, 71.772, 349.555



11, 33.847, 346.146

Previews

White Background



This preview shows how the CIELCh color 81, 35.034, 305.514 looks on a white background.

Color Contrast Check

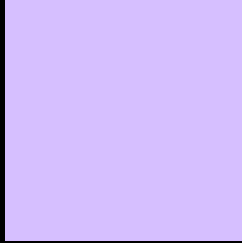
Large Text (above 18pt) WCAG AA × Fail

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, 35.034, 305.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

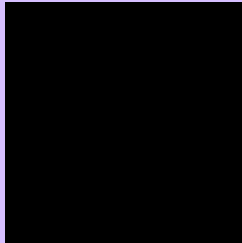
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 35.034, 305.514

Background



This preview shows how black text looks on a background with the CIELCh color 81, 35.034, 305.514.



This preview shows how white text looks on a background with the CIELCh color 81, 35.034, 305.514.

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, 9.143, 311.522

Trichromacy



Original Color
81, 35.034, 305.514

Protanomaly
81, 31.410, 293.479

Deuteranomaly
81, 31.514, 296.426

Tritanomaly
81, 18.824, 306.688

Monochromacy



Original Color
81, 35.034, 305.514

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 12.577, 304.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 35.034, 305.514 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(214, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 191, 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(214, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 191, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 35.034, 305.514 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(214, 191, 255) }
```

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

```
.border{ border-color:rgb(214, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 191,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 35.034, 305.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 191, 255) }
```

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

```
.background{ background-color: rgb(214,  
191, 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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