

Converting Colors

CIELCh(81, 34.927, 305.781)

Have a look what the booklet for
CIELCh(81, 34.927, 305.781)
contains.

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Color

CIELCh(81, 35.135, 306.055)

Conversions

Conversions Part 1

Format	Color
Hex	D6BEFE
RGB	214, 190, 254
RGB Percent	84%, 75%, 100%
CMY	0.1596, 0.2537, 0.0027
CMYK	0.16, 0.25, 0.00, 0.00
HSL	263°, 98%, 87%
HSV	263°, 25%, 100%
XYZ	64.2357, 58.4711, 101.9261
YIQ	204.4720, -6.2400, 24.9920

Conversions

Conversions Part 2

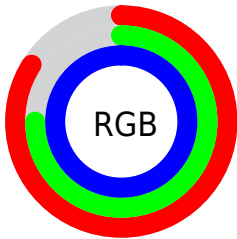
Format	Color
R _Y B	214, 190, 254
Decimal	14073598
CIE Lab	81.00, 20.68, -28.40
CIE LCh	81, 35.135, 306.055
Yxy	58.4711, 0.2860, 0.2603
Android (android.graphics.Color)	4292263678 (0xFFD6BEFE)
YUV	204.4720, 24.4173, 8.3561
Hunter-Lab	76.4664, 16.1330, -25.5043

Details

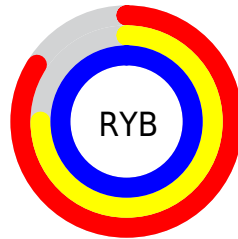
The CIELCh color `81, 35.135, 306.055` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 33.592, 123.267`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 5.604, 324.582`, and `61, 34.777, 306.103` is the 20% darker color. If you saturate the color by 10%, you get `74, 49.836, 306.750`, and if you desaturate by 10%, it is `88, 20.834, 305.419`.

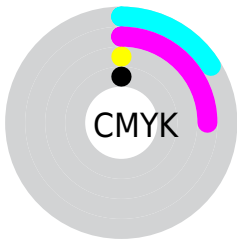
Distribution



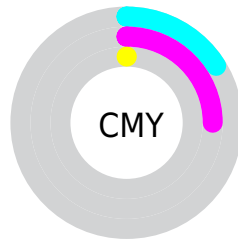
- Red (84%)
- Green (75%)
- Blue (100%)



- 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, 35.135, 306.055 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, 35.135, 306.055 by changing the saturation by 10% instead.


 81, 35.135,
306.055


 81, 35.135,
306.055


 100, 35.135,
306.055


 71, 35.135,
306.055

 61, 35.135,
306.055

 51, 35.135,
306.055

 41, 35.135,
306.055

 31, 35.135,
306.055

 21, 35.135,
306.055

 11, 35.135,

306.055

■ 1, 35.135, 306.055

■ 0, 35.135, 306.055

■ 81, 35.135,
306.055

■ 81, 35.135,
306.055

■ 74, 49.836,
306.750

■ 88, 20.834,
305.419

■ 66, 64.821,
307.491

■ 96, 6.989, 304.844

■ 59, 79.836,
308.240

100, 0.338,
109.924

■ 53, 94.403,
308.935

■ 47, 107.715,

309.471

■ 42, 118.597,
309.701

■ 38, 125.799,
309.471

■ 37, 128.117,
309.236

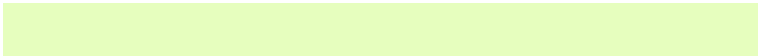
Harmonies

Complementary

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



81, 35.135, 306.055



97, 33.592, 123.267

Rectangle

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



81, 35.135, 306.055



81, 35.135, 356.055



81, 35.135, 126.055



81, 35.135, 176.055

Sweetspot

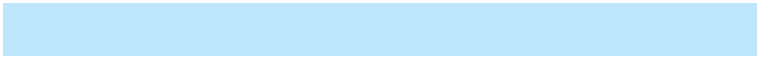
The Sweet Spot groups the original color and five complimentary colors.



81, 35.133, 306.054



94, 10.882, 305.002



89, 17.618, 242.914



49, 7.753, 305.087



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, 35.133, 306.054



78, 42.280, 306.384



84, 38.745, 321.952



49, 7.753, 305.087



27, 103.186, 309.411



5, 44.870, 309.548

Inverse Universe

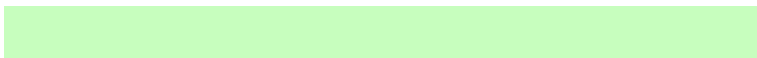
The Inverse Universe completely reimagines the original color for something new.



84, 31.039, 339.467



81, 37.090, 339.903



95, 38.458, 139.352



50, 6.958, 338.158



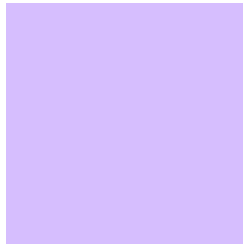
42, 71.191, 350.856



11, 33.567, 347.214

Previews

White Background



This preview shows how the CIELCh color 81, 35.135, 306.055 looks on a white background.

Color Contrast Check

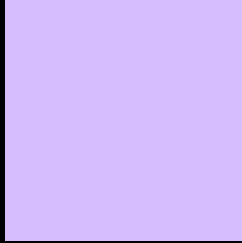
Large Text (above 18pt) WCAG AA × Fail

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, 35.135, 306.055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

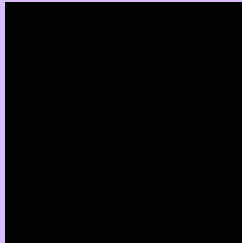
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 35.135, 306.055

Background



This preview shows how black text looks on a background with the CIELCh color 81, 35.135, 306.055.




This preview shows how white text looks on a background with the CIELCh color 81, 35.135, 306.055.

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, 8.649, 312.758

Trichromacy



Original Color
81, 35.135, 306.055

Protanomaly
81, 31.410, 293.479

Deuteranomaly
81, 30.986, 296.452

Tritanomaly
81, 18.409, 308.160

Monochromacy



Original Color
81, 35.135, 306.055

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, 35.135, 306.055 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, 190, 254)` looks like.

```
.text, #text, p{  
    color:rgb(214, 190, 254)  
}
```

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, 190, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 190, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 35.135, 306.055 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, 190, 254) }
```

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

```
.border{ border-color:rgb(214, 190, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 190, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 190, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 190, 254); box-shadow:4px 4px 4px 4px rgb(214, 190, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 35.135, 306.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 190, 254) }
```

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

```
.background{ background-color: rgb(214,  
190, 254) }
```

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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