

Converting Colors

CIELCh(82, 31.718, 303.116)

Have a look what the booklet for
CIELCh(82, 31.718, 303.116)
contains.

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Color

CIELCh(82, 31.954, 302.920)

Conversions

Conversions Part 1

Format	Color
Hex	D4C3FE
RGB	212, 195, 254
RGB Percent	83%, 76%, 100%
CMY	0.1679, 0.2346, 0.0032
CMYK	0.17, 0.23, 0.00, 0.00
HSL	257°, 97%, 88%
HSV	257°, 23%, 100%
XYZ	64.6747, 60.2982, 102.1487
YIQ	206.8090, -8.8070, 21.9530

Conversions

Conversions Part 2

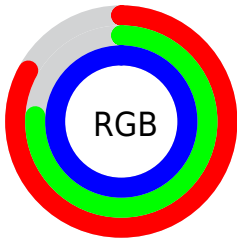
Format	Color
R _Y B	212, 195, 254
Decimal	13943806
CIE Lab	82.00, 17.37, -26.82
CIE LCh	82, 31.954, 302.920
Yxy	60.2982, 0.2848, 0.2655
Android (android.graphics.Color)	4292133886 (0xFFD4C3FE)
YUV	206.8090, 23.2652, 4.5525
Hunter-Lab	77.6519, 12.7781, -23.6378

Details

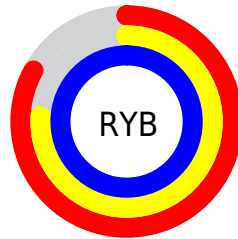
The CIELCh color **82, 31.954, 302.920** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **97, 30.500, 119.973**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.871, 324.342**, and **62, 32.077, 303.221** is the 20% darker color. If you saturate the color by 10%, you get **74, 46.522, 303.745**, and if you desaturate by 10%, it is **90, 17.865, 302.184**.

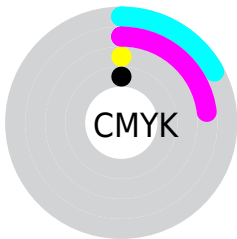
Distribution



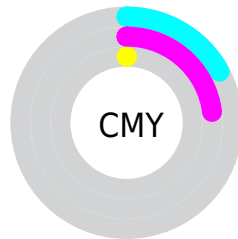
- Red (83%)
- Green (76%)
- Blue (100%)



- Red (83%)
- Yellow (76%)
- Blue (100%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (23%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 31.954, 302.920 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 82, 31.954, 302.920 by changing the saturation by 10% instead.


 82, 31.954,
302.920


 82, 31.954,
302.920


 100, 31.954,
302.920


 72, 31.954,
302.920

 62, 31.954,
302.920

 52, 31.954,
302.920

 42, 31.954,
302.920

 32, 31.954,
302.920

 22, 31.954,
302.920

 12, 31.954,

302.920

■ 2, 31.954, 302.920

■ 0, 31.954, 302.920

■ 82, 31.954,
302.920

■ 82, 31.954,
302.920

■ 74, 46.522,
303.745

■ 90, 17.865,
302.184

■ 67, 61.504,
304.654

■ 97, 4.275, 301.532

■ 60, 76.719,
305.620

100, 0.403,
109.956

■ 53, 91.783,
306.586

■ 46, 105.962,

307.446

■ 41, 118.052,
308.040

■ 37, 126.545,
308.172

■ 35, 130.097,
308.006

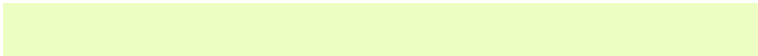
Harmonies

Complementary

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



82, 31.954, 302.920



97, 30.500, 119.973

Rectangle

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



82, 31.954, 302.920



82, 31.954, 352.920



82, 31.954, 122.920



82, 31.954, 172.920

Sweetspot

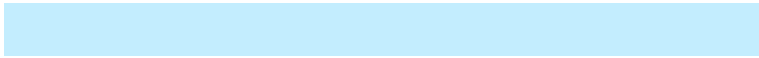
The Sweet Spot groups the original color and five complimentary colors.



82, 31.952, 302.919



95, 9.386, 301.772



92, 16.061, 231.460



50, 6.105, 301.811



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 31.952, 302.919



79, 38.969, 303.304



85, 34.950, 319.336



49, 7.656, 301.935



26, 104.831, 308.154



5, 44.732, 307.433

Inverse Universe

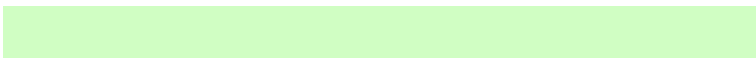
The Inverse Universe completely reimagines the original color for something new.



85, 30.360, 335.444



83, 36.723, 335.816



95, 34.534, 137.147



50, 7.403, 334.427



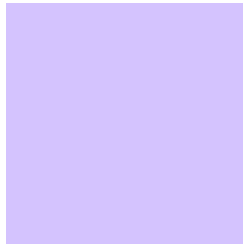
43, 74.886, 344.069



11, 35.268, 341.637

Previews

White Background



This preview shows how the CIELCh color 82, 31.954, 302.920 looks on a white background.

Color Contrast Check

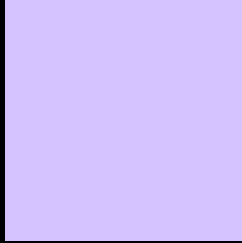
Large Text (above 18pt) WCAG AA × Fail

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 82, 31.954, 302.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

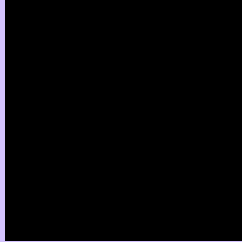
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 31.954, 302.920

Background



This preview shows how black text looks on a background with the CIELCh color 82, 31.954, 302.920.



This preview shows how white text looks on a background with the CIELCh color 82, 31.954, 302.920.

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


82, 31.954, 302.920

Protanopia

82, 28.219, 285.423

Deuteranopia

82, 28.118, 291.930



Tritanopia
82, 8.629, 300.376

Trichromacy



Original Color
82, 31.954, 302.920

Protanomaly
82, 29.175, 292.043

Deuteranomaly
82, 29.320, 296.515

Tritanomaly
82, 16.734, 301.103

Monochromacy



Original Color
82, 31.954, 302.920

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 11.357, 301.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 31.954, 302.920 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(212, 195, 254)` looks like.

```
.text, #text, p{  
    color:rgb(212, 195, 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(212, 195, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 195, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 31.954, 302.920 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(212, 195, 254) }
```

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

```
.border{ border-color:rgb(212, 195, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 195, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 195, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 195, 254);  
box-shadow:4px 4px 4px 4px rgb(212, 195,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 31.954, 302.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 195, 254) }
```

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

```
.background{ background-color: rgb(212,  
195, 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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