

Converting Colors

CIELCh(83, 29.275, 300.851)

Have a look what the booklet for
CIELCh(83, 29.275, 300.851)
contains.

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Color

CIELCh(83, 29.550, 300.983)

Conversions

Conversions Part 1

Format	Color
Hex	D4C7FE
RGB	212, 199, 254
RGB Percent	83%, 78%, 100%
CMY	0.1677, 0.2186, 0.0029
CMYK	0.17, 0.22, 0.00, 0.00
HSL	254°, 97%, 89%
HSV	254°, 22%, 100%
XYZ	65.6306, 62.1629, 102.5166
YIQ	209.1570, -9.9070, 19.8610

Conversions

Conversions Part 2

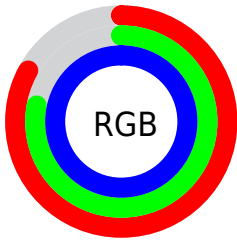
Format	Color
R _Y B	212, 199, 254
Decimal	13944830
CIE Lab	83.00, 15.21, -25.33
CIE LCh	83, 29.550, 300.983
Yxy	62.1629, 0.2850, 0.2699
Android (android.graphics.Color)	4292134910 (0xFFD4C7FE)
YUV	209.1570, 22.1076, 2.4933
Hunter-Lab	78.8435, 10.6103, -21.9017

Details

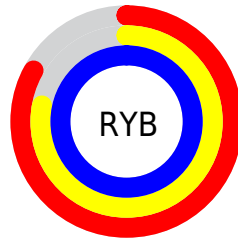
The CIELCh color `83, 29.550, 300.983` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 28.230, 117.987`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `63, 29.534, 301.172` is the 20% darker color. If you saturate the color by 10%, you get `75, 44.018, 301.890`, and if you desaturate by 10%, it is `91, 15.596, 300.184`.

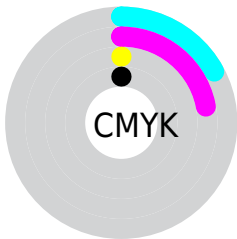
Distribution



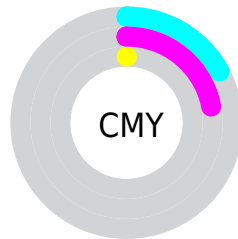
- Red (83%)
- Green (78%)
- Blue (100%)



- Red (83%)
- Yellow (78%)
- Blue (100%)



- Cyan (17%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (22%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 29.550, 300.983 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 83, 29.550, 300.983 by changing the saturation by 10% instead.


 83, 29.550,
300.983


 83, 29.550,
300.983


 100, 29.550,
300.983


 73, 29.550,
300.983

 63, 29.550,
300.983

 53, 29.550,
300.983

 43, 29.550,
300.983

 33, 29.550,
300.983

 23, 29.550,
300.983

 13, 29.550,

300.983

■ 3, 29.550, 300.983

■ 0, 29.550, 300.983

■ 83, 29.550,
300.983

■ 83, 29.550,
300.983

■ 75, 44.018,
301.890

■ 91, 15.596,
300.184

■ 68, 58.966,
302.907

■ 98, 2.161, 299.480

■ 60, 74.258,
304.014

100, 0.368,
109.940

■ 53, 89.573,
305.159

■ 46, 104.245,

306.242

■ 41, 117.097,
307.093

■ 36, 126.499,
307.496

■ 34, 131.145,
307.449

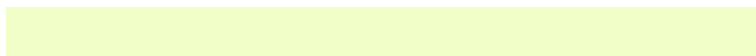
Harmonies

Complementary

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



83, 29.550, 300.983



98, 28.230, 117.987

Rectangle

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



83, 29.550, 300.983



83, 29.550, 350.983



83, 29.550, 120.983



83, 29.550, 170.983

Sweetspot

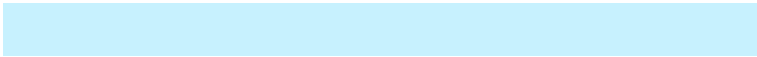
The Sweet Spot groups the original color and five complimentary colors.



83, 29.548, 300.982



95, 7.982, 299.780



93, 15.177, 224.658



50, 5.300, 299.825



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 29.548, 300.982



80, 35.887, 301.365



85, 32.155, 317.712



49, 7.610, 300.028



25, 105.672, 307.576



4, 44.631, 306.288

Inverse Universe

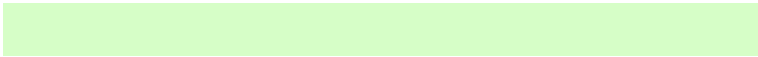
The Inverse Universe completely reimagines the original color for something new.



86, 29.333, 333.262



84, 35.347, 333.573



96, 31.699, 135.755



50, 7.681, 332.420



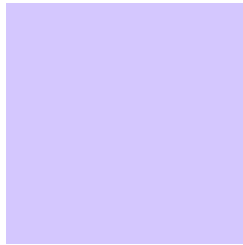
43, 77.592, 340.493



11, 36.441, 338.676

Previews

White Background



This preview shows how the CIELCh color 83, 29.550, 300.983 looks on a white background.

Color Contrast Check

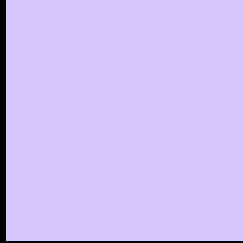
Large Text (above 18pt) WCAG AA × Fail

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 83, 29.550, 300.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

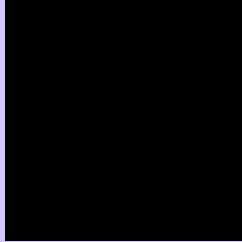
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 29.550, 300.983

Background



This preview shows how black text looks on a background with the CIELCh color 83, 29.550, 300.983.



This preview shows how white text looks on a background with the CIELCh color 83, 29.550, 300.983.

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
83, 8.510, 295.672

Trichromacy



Original Color
83, 29.550, 300.983

Protanomaly
83, 27.515, 291.167

Deuteranomaly
83, 28.164, 295.899

Tritanomaly
83, 16.058, 298.940

Monochromacy



Original Color
83, 29.550, 300.983

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 10.752, 300.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 29.550, 300.983 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, 199, 254)` looks like.

```
.text, #text, p{  
    color:rgb(212, 199, 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, 199, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 199, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 29.550, 300.983 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, 199, 254) }
```

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

```
.border{ border-color:rgb(212, 199, 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, 199, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 199, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 199, 254);  
box-shadow:4px 4px 4px 4px rgb(212, 199,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 29.550, 300.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 199, 254) }
```

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

```
.background{ background-color: rgb(212,  
199, 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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