

Converting Colors

CIELCh(83, 30.601, 304.871)

Have a look what the booklet for
CIELCh(83, 30.601, 304.871)
contains.

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Color

CIELCh(83, 30.446, 304.610)

Conversions

Conversions Part 1

Format	Color
Hex	D9C6FE
RGB	217, 198, 254
RGB Percent	85%, 78%, 100%
CMY	0.1498, 0.2243, 0.0047
CMYK	0.15, 0.22, 0.00, 0.00
HSL	260°, 96%, 89%
HSV	260°, 22%, 100%
XYZ	66.5622, 62.1629, 102.0848
YIQ	210.0650, -6.6520, 21.4440

Conversions

Conversions Part 2

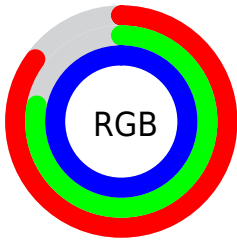
Format	Color
R _Y B	217, 198, 254
Decimal	14272254
CIE Lab	83.00, 17.29, -25.06
CIE LCh	83, 30.446, 304.610
Yxy	62.1629, 0.2884, 0.2693
Android (android.graphics.Color)	4292462334 (0xFFD9C6FE)
YUV	210.0650, 21.6600, 6.0820
Hunter-Lab	78.8435, 12.7193, -21.5769

Details

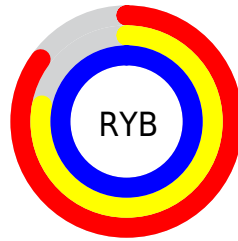
The CIELCh color **83, 30.446, 304.610** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **97, 29.218, 122.055**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 30.454, 304.938** is the 20% darker color. If you saturate the color by 10%, you get **76, 44.977, 305.340**, and if you desaturate by 10%, it is **91, 16.362, 303.952**.

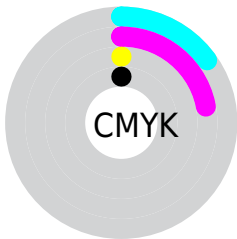
Distribution



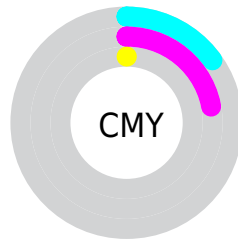
- Red (85%)
- Green (78%)
- Blue (100%)



- Red (85%)
- Yellow (78%)
- Blue (100%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (22%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 30.446, 304.610 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, 30.446, 304.610 by changing the saturation by 10% instead.


 83, 30.446,
304.610


 83, 30.446,
304.610


 100, 30.446,
304.610


 73, 30.446,
304.610

 63, 30.446,
304.610

 53, 30.446,
304.610

 43, 30.446,
304.610

 33, 30.446,
304.610

 23, 30.446,
304.610

 13, 30.446,

304.610

■ 3, 30.446, 304.610

■ 0, 30.446, 304.610

■ 83, 30.446,
304.610

■ 83, 30.446,
304.610

■ 76, 44.977,
305.340

■ 91, 16.362,
303.952

■ 68, 59.880,
306.135

■ 98, 2.755, 303.351

■ 61, 74.968,
306.967

100, 0.599,
110.004

■ 54, 89.864,
307.784

■ 48, 103.877,

308.491

■ 42, 115.909,
308.947

■ 38, 124.589,
308.977

■ 36, 128.795,
308.684

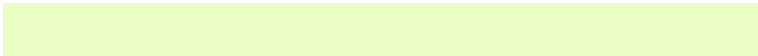
Harmonies

Complementary

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



83, 30.446, 304.610



97, 29.218, 122.055

Rectangle

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



83, 30.446, 304.610



83, 30.446, 354.610



83, 30.446, 124.610



83, 30.446, 174.610

Sweetspot

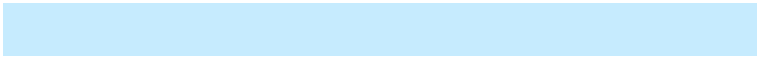
The Sweet Spot groups the original color and five complimentary colors.



83, 30.444, 304.609



95, 9.454, 303.647



91, 15.358, 238.037



50, 6.149, 303.682



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, 30.444, 304.609



80, 36.258, 304.889



85, 33.575, 320.807



49, 7.710, 303.796



26, 103.894, 308.849



5, 44.820, 308.651

Inverse Universe

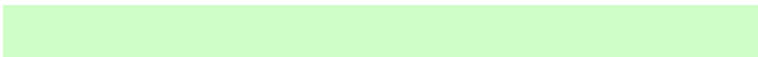
The Inverse Universe completely reimagines the original color for something new.



86, 27.805, 337.554



84, 32.927, 337.882



95, 33.289, 138.638



50, 7.138, 336.563



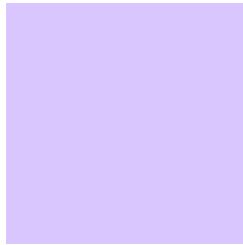
42, 72.571, 347.943



11, 34.223, 344.823

Previews

White Background



This preview shows how the CIELCh color 83, 30.446, 304.610 looks on a white background.

Color Contrast Check

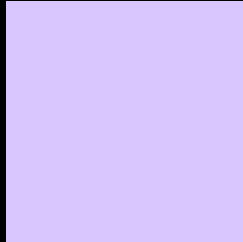
Large Text (above 18pt) WCAG AA × Fail

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, 30.446, 304.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

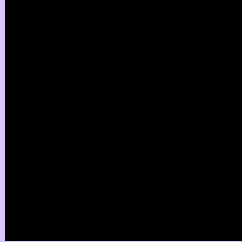
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 30.446, 304.610

Background



This preview shows how black text looks on a background with the CIELCh color 83, 30.446, 304.610.

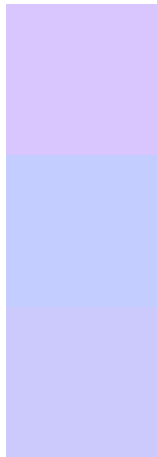


This preview shows how white text looks on a background with the CIELCh color 83, 30.446, 304.610.

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


83, 30.446, 304.610

Protanopia

83, 26.548, 285.451

Deuteranopia

83, 27.032, 293.866



Tritanopia
83, 8.862, 307.190

Trichromacy



Original Color
83, 30.446, 304.610

Protanomaly
83, 28.077, 293.231

Deuteranomaly
83, 28.307, 298.573

Tritanomaly
83, 16.400, 304.983

Monochromacy



Original Color
83, 30.446, 304.610

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 10.809, 302.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 30.446, 304.610 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(217, 198, 254)` looks like.

```
.text, #text, p{  
    color:rgb(217, 198, 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(217, 198, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 198, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 30.446, 304.610 is called "border". The border property can be set on classes, ids or directly on the HTML element.

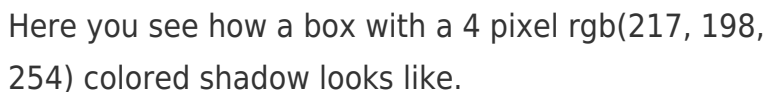
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 198, 254) }
```

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

```
.border{ border-color:rgb(217, 198, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 198, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 198, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 198, 254); box-shadow:4px 4px 4px 4px rgb(217, 198, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 30.446, 304.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 198, 254) }
```

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

```
.background{ background-color: rgb(217,  
198, 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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