

Converting Colors

CIELCh(84, 29.755, 307.776)

Have a look what the booklet for
CIELCh(84, 29.755, 307.776)
contains.

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Color

CIELCh(84, 29.680, 307.554)

Conversions

Conversions Part 1

Format	Color
Hex	DFC8FE
RGB	223, 200, 254
RGB Percent	87%, 78%, 100%
CMY	0.1260, 0.2162, 0.0044
CMYK	0.12, 0.21, 0.00, 0.00
HSL	266°, 96%, 89%
HSV	266°, 21%, 100%
XYZ	68.8857, 64.0658, 102.3912
YIQ	213.0330, -3.6260, 21.6700

Conversions

Conversions Part 2

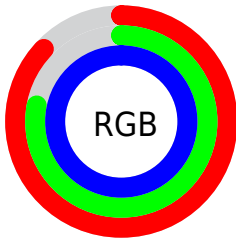
Format	Color
R _Y B	223, 200, 254
Decimal	14665982
CIE Lab	84.00, 18.09, -23.53
CIE LCh	84, 29.680, 307.554
Yxy	64.0658, 0.2927, 0.2722
Android (android.graphics.Color)	4292856062 (0xFFDFC8FE)
YUV	213.0330, 20.1967, 8.7411
Hunter-Lab	80.0411, 13.5504, -19.8169

Details

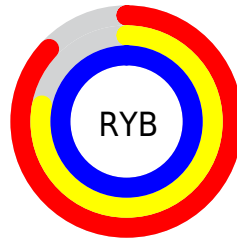
The CIELCh color `84, 29.680, 307.554` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 28.678, 125.394`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 29.530, 307.327` is the 20% darker color. If you saturate the color by 10%, you get `77, 44.264, 308.163`, and if you desaturate by 10%, it is `91, 15.482, 306.992`.

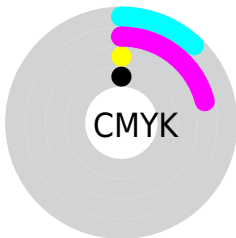
Distribution



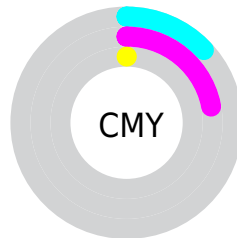
- Red (87%)
- Green (78%)
- Blue (100%)



- Red (87%)
- Yellow (78%)
- Blue (100%)



- Cyan (12%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (22%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 29.680, 307.554 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 84, 29.680, 307.554 by changing the saturation by 10% instead.

 84, 29.680,
307.554

 84, 29.680,
307.554

 100, 29.680,
307.554


 74, 29.680,
307.554

 64, 29.680,
307.554

 54, 29.680,
307.554

 44, 29.680,
307.554

 34, 29.680,
307.554

 24, 29.680,
307.554

 14, 29.680,

307.554

■ 4, 29.680, 307.554

■ 0, 29.680, 307.554

■ 84, 29.680,
307.554

■ 84, 29.680,
307.554

■ 77, 44.264,
308.163

■ 91, 15.482,
306.992

■ 70, 59.132,
308.808

■ 99, 1.723, 306.434

■ 63, 74.066,
309.460

100, 0.562,
109.998

■ 56, 88.663,
310.068

■ 50, 102.249,

310.546

■ 45, 113.822,
310.776

■ 41, 122.206,
310.615

■ 38, 126.631,
310.133

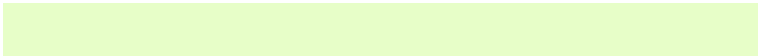
Harmonies

Complementary

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



84, 29.680, 307.554



97, 28.678, 125.394

Rectangle

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



84, 29.680, 307.554



84, 29.680, 357.554



84, 29.680, 127.554



84, 29.680, 177.554

Sweetspot

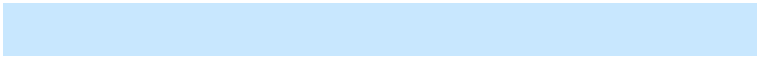
The Sweet Spot groups the original color and five complimentary colors.



84, 29.678, 307.553



96, 8.209, 306.715



90, 15.363, 248.729



50, 5.450, 306.749



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 29.678, 307.553



81, 36.670, 307.837



86, 33.099, 323.235



49, 7.820, 306.899



28, 102.130, 310.319



5, 44.914, 310.872

Inverse Universe

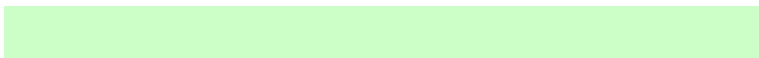
The Inverse Universe completely reimagines the original color for something new.



86, 25.269, 341.604



83, 31.070, 342.050



95, 32.963, 140.943



50, 6.714, 340.569



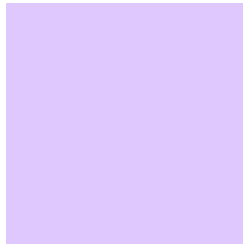
42, 69.619, 355.254



11, 32.757, 350.827

Previews

White Background



This preview shows how the CIELCh color 84, 29.680, 307.554 looks on a white background.

Color Contrast Check

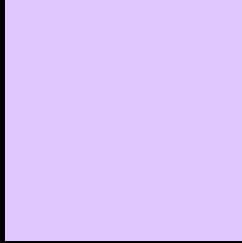
Large Text (above 18pt) WCAG AA × Fail

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 84, 29.680, 307.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

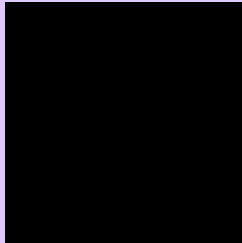
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 29.680, 307.554

Background



This preview shows how black text looks on a background with the CIELCh color 84, 29.680, 307.554.



This preview shows how white text looks on a background with the CIELCh color 84, 29.680, 307.554.

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
84, 9.514, 317.579

Trichromacy



Original Color
84, 29.680, 307.554

Protanomaly
84, 26.448, 294.537

Deuteranomaly
84, 26.703, 299.533

Tritanomaly
84, 16.870, 310.784

Monochromacy



Original Color
84, 29.680, 307.554

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 11.053, 307.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 29.680, 307.554 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(223, 200, 254)` looks like.

```
.text, #text, p{  
    color:rgb(223, 200, 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(223, 200, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 200, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 29.680, 307.554 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(223, 200, 254) }
```

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

```
.border{ border-color:rgb(223, 200, 254) }
```

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

Here you see how a box with a 4 pixel rgb(223, 200, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 200, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 200, 254);  
box-shadow:4px 4px 4px 4px rgb(223, 200,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 29.680, 307.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 200, 254) }
```

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

```
.background{ background-color: rgb(223,  
200, 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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