

Converting Colors

CIELCh(84, 28.782, 315.310)

Have a look what the booklet for
CIELCh(84, 28.782, 315.310)
contains.

CIELCh(84, 28.833, 315.313)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(84, 28.833, 315.313)

Conversions

Conversions Part 1

Format	Color
Hex	E7C6F8
RGB	231, 198, 248
RGB Percent	91%, 78%, 97%
CMY	0.0946, 0.2240, 0.0280
CMYK	0.07, 0.20, 0.00, 0.03
HSL	280°, 78%, 87%
HSV	280°, 20%, 97%
XYZ	70.0001, 64.0658, 97.3752
YIQ	213.5670, 3.6180, 22.5460

Conversions

Conversions Part 2

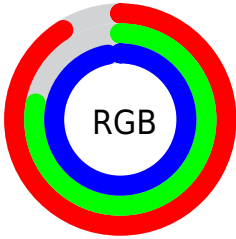
Format	Color
R _Y B	231, 198, 248
Decimal	15189752
CIE Lab	84.00, 20.50, -20.28
CIE LCh	84, 28.833, 315.313
Yxy	64.0658, 0.3025, 0.2768
Android (android.graphics.Color)	4293379832 (0xFFE7C6F8)
YUV	213.5670, 16.9755, 15.2887
Hunter-Lab	80.0411, 16.0356, -16.1014

Details

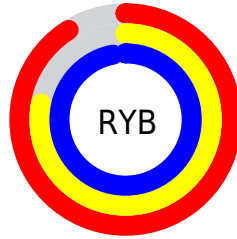
The CIELCh color **84, 28.833, 315.313** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 28.324, 133.550**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 29.071, 315.057** is the 20% darker color. If you saturate the color by 10%, you get **77, 43.474, 315.762**, and if you desaturate by 10%, it is **91, 14.383, 314.866**.

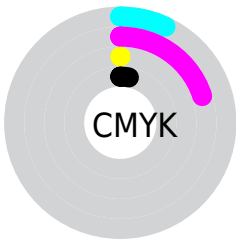
Distribution



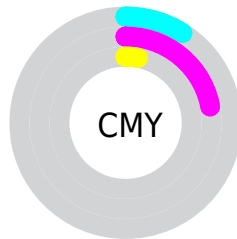
- Red (91%)
- Green (78%)
- Blue (97%)



- Red (91%)
- Yellow (78%)
- Blue (97%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (22%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 28.833, 315.313 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, 28.833, 315.313 by changing the saturation by 10% instead.

 84, 28.833,
315.313

 84, 28.833,
315.313


 100, 28.833,
315.313


 74, 28.833,
315.313

 64, 28.833,
315.313

 54, 28.833,
315.313

 44, 28.833,
315.313

 34, 28.833,
315.313

 24, 28.833,
315.313

 14, 28.833,

315.313

■ 4, 28.833, 315.313

■ 0, 28.833, 315.313

■ 84, 28.833,
315.313

■ 84, 28.833,
315.313

■ 77, 43.474,
315.762

■ 91, 14.383,
314.866

■ 71, 58.116,
316.198

■ 97, 0.246, 313.656

■ 65, 72.438,
316.590

■ 100, 3.606,
109.887

■ 59, 85.958,
316.893

■ 54, 98.010,

317.047

■ 50, 107.790,
316.977

■ 47, 114.554,
316.608

■ 45, 118.245,
315.946

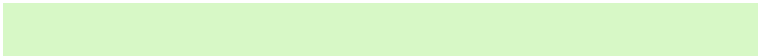
Harmonies

Complementary

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



84, 28.833, 315.313



94, 28.324, 133.550

Rectangle

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



84, 28.833, 315.313



84, 28.833, 5.313



84, 28.833, 135.313



84, 28.833, 185.313

Sweetspot

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



84, 28.831, 315.313



96, 8.645, 314.680



86, 17.857, 272.706



51, 5.738, 314.710



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, 28.831, 315.313



84, 35.228, 315.487



85, 28.443, 330.062



49, 8.088, 314.837



34, 96.232, 316.117



7, 43.065, 317.379

Inverse Universe

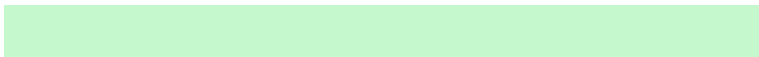
The Inverse Universe completely reimagines the original color for something new.



85, 20.430, 355.279



84, 25.020, 355.749



93, 28.369, 147.458



49, 5.690, 354.092



40, 68.771, 17.509



9, 30.478, 9.207

Previews

White Background



This preview shows how the CIELCh color 84, 28.833, 315.313 looks on a white background.

Color Contrast Check

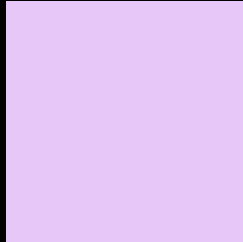
Large Text (above 18pt) WCAG AA × Fail

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, 28.833, 315.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

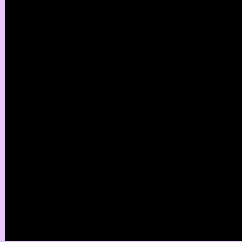
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 28.833, 315.313

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.833, 315.313.

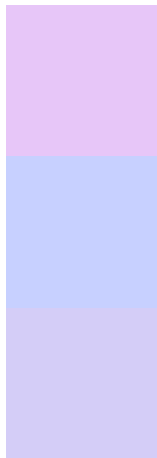


This preview shows how white text looks on a background with the CIELCh color 84, 28.833, 315.313.

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


84, 28.833, 315.313

Protanopia

84, 24.885, 285.524

Deuteranopia

84, 22.354, 298.086



Tritanopia
84, 11.882, 335.132

Trichromacy



Original Color
84, 28.833, 315.313

Protanomaly
84, 25.519, 297.535

Deuteranomaly
84, 24.566, 305.700

Tritanomaly
84, 17.681, 324.115

Monochromacy



Original Color
84, 28.833, 315.313

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 10.303, 313.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 28.833, 315.313 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(231, 198, 248)` looks like.

```
.text, #text, p{  
    color:rgb(231, 198, 248)  
}
```

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(231, 198, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 198, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.833, 315.313 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(231, 198, 248) }
```

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

```
.border{ border-color:rgb(231, 198, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 198, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 198, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 198, 248);  
box-shadow:4px 4px 4px 4px rgb(231, 198,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.833, 315.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 198, 248) }
```

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

```
.background{ background-color: rgb(231,  
198, 248) }
```

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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