

Converting Colors

CIELCh(88, 78.712, 303.331)

Have a look what the booklet for
CIELCh(88, 78.712, 303.331)
contains.

CIELCh(84, 33.192, 314.717)	3
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Color

CIELCh(84, 33.192, 314.717)

Conversions

Conversions Part 1

Format	Color
Hex	E9C4FE
RGB	233, 196, 254
RGB Percent	91%, 77%, 100%
CMY	0.0857, 0.2307, 0.0034
CMYK	0.08, 0.23, 0.00, 0.00
HSL	278°, 97%, 88%
HSV	278°, 23%, 100%
XYZ	71.3363, 64.0658, 102.4794
YIQ	213.6750, 3.4340, 25.8820

Conversions

Conversions Part 2

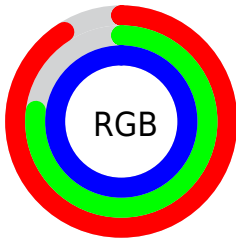
Format	Color
R _Y B	233, 196, 254
Decimal	15320318
CIE Lab	84.00, 23.35, -23.59
CIE LCh	84, 33.192, 314.717
Yxy	64.0658, 0.2999, 0.2693
Android (android.graphics.Color)	4293510398 (0xFFE9C4FE)
YUV	213.6750, 19.8802, 16.9480
Hunter-Lab	80.0411, 19.0155, -19.8823

Details

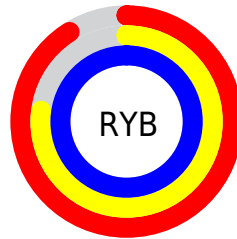
The CIELCh color **84, 33.192, 314.717** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 32.480, 132.702**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.250, 324.238**, and **64, 33.168, 314.884** is the 20% darker color. If you saturate the color by 10%, you get **77, 48.118, 315.172**, and if you desaturate by 10%, it is **91, 18.441, 314.265**.

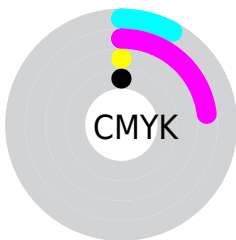
Distribution



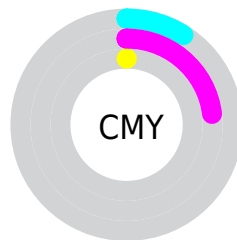
- Red (91%)
- Green (77%)
- Blue (100%)



- Red (91%)
- Yellow (77%)
- Blue (100%)



- Cyan (8%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)




- Cyan (9%)
- Magenta (23%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 33.192, 314.717 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, 33.192, 314.717 by changing the saturation by 10% instead.


 84, 33.192,
314.717


 84, 33.192,
314.717


 100, 33.192,
314.717


 74, 33.192,
314.717

 64, 33.192,
314.717

 54, 33.192,
314.717

 44, 33.192,
314.717

 34, 33.192,
314.717

 24, 33.192,
314.717

 14, 33.192,

314.717

■ 4, 33.192, 314.717

■ 0, 33.192, 314.717

■ 84, 33.192,
314.717

■ 84, 33.192,
314.717

■ 77, 48.118,
315.172

■ 91, 18.441,
314.265

■ 71, 63.005,
315.611

■ 98, 3.999, 313.800

■ 65, 77.498,
315.997

100, 0.430,
109.966

■ 59, 91.060,
316.282

■ 54, 102.960,

316.396

■ 50, 112.345,
316.260

■ 47, 118.489,
315.795

■ 45, 121.061,
315.272

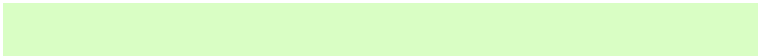
Harmonies

Complementary

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



84, 33.192, 314.717



96, 32.480, 132.702

Rectangle

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



84, 33.192, 314.717



84, 33.192, 4.717



84, 33.192, 134.717



84, 33.192, 184.717

Sweetspot

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



84, 33.190, 314.717



95, 10.041, 314.005



86, 20.245, 271.787



50, 6.529, 314.032



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, 33.190, 314.717



81, 39.548, 314.908



86, 33.213, 329.675



49, 8.179, 314.117



34, 97.637, 315.452



8, 44.490, 316.736

Inverse Universe

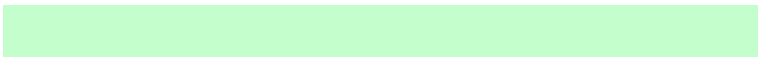
The Inverse Universe completely reimagines the original color for something new.



85, 23.926, 354.120



82, 28.553, 354.643



95, 33.139, 146.715



50, 5.857, 352.637



40, 68.958, 15.462



10, 31.292, 8.003

Previews

White Background



This preview shows how the CIELCh color 84, 33.192, 314.717 looks on a white background.

Color Contrast Check

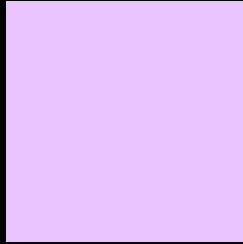
Large Text (above 18pt) WCAG AA × Fail

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, 33.192, 314.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

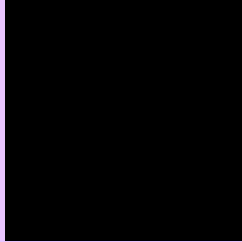
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 33.192, 314.717

Background



This preview shows how black text looks on a background with the CIELCh color 84, 33.192, 314.717.



This preview shows how white text looks on a background with the CIELCh color 84, 33.192, 314.717.

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, 12.402, 337.589

Trichromacy



Original Color
84, 33.219, 314.721

Protanomaly
84, 27.091, 297.326

Deuteranomaly
84, 27.572, 303.584

Tritanomaly
84, 19.372, 323.367

Monochromacy



Original Color
84, 33.219, 314.721

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 12.030, 313.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 33.192, 314.717 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(233, 196, 254)` looks like.

```
.text, #text, p{  
    color:rgb(233, 196, 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(233, 196, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 196, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 33.192, 314.717 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(233, 196, 254) }
```

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

```
.border{ border-color:rgb(233, 196, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 196, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 196, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 196, 254);  
box-shadow:4px 4px 4px 4px rgb(233, 196,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 33.192, 314.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 196, 254) }
```

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

```
.background{ background-color: rgb(233,  
196, 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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