

Converting Colors

CIECh(84, 32.200, 313.128)

Have a look what the booklet for
CIELCh(84, 32.200, 313.128)
contains.

CIELCh(84, 32.354, 313.351)	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, 32.354, 313.351)

Conversions

Conversions Part 1

Format	Color
Hex	E7C5FE
RGB	231, 197, 254
RGB Percent	91%, 77%, 100%
CMY	0.0942, 0.2275, 0.0040
CMYK	0.09, 0.22, 0.00, 0.00
HSL	276°, 97%, 88%
HSV	276°, 22%, 100%
XYZ	70.7988, 64.0658, 102.3863
YIQ	213.6640, 1.9670, 24.9350

Conversions

Conversions Part 2

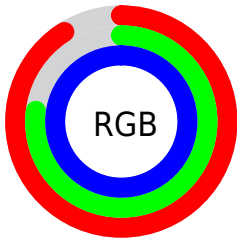
Format	Color
R _Y B	231, 197, 254
Decimal	15189502
CIE Lab	84.00, 22.21, -23.53
CIE LCh	84, 32.354, 313.351
Yxy	64.0658, 0.2984, 0.2700
Android (android.graphics.Color)	4293379582 (0xFFE7C5FE)
YUV	213.6640, 19.8856, 15.2037
Hunter-Lab	80.0411, 17.8167, -19.8134

Details

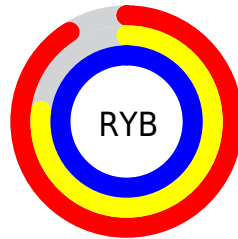
The CIELCh color **84, 32.354, 313.351** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 31.578, 131.360**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.630, 323.973**, and **64, 32.276, 313.439** is the 20% darker color. If you saturate the color by 10%, you get **77, 47.201, 313.824**, and if you desaturate by 10%, it is **91, 17.729, 312.888**.

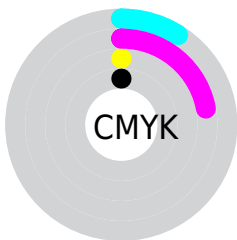
Distribution



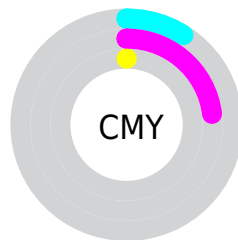
- Red (91%)
- Green (77%)
- Blue (100%)



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



- Cyan (9%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 32.354, 313.351 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, 32.354, 313.351 by changing the saturation by 10% instead.


 84, 32.354,
313.351


 84, 32.354,
313.351


 100, 32.354,
313.351


 74, 32.354,
313.351

 64, 32.354,
313.351

 54, 32.354,
313.351

 44, 32.354,
313.351

 34, 32.354,
313.351

 24, 32.354,
313.351

 14, 32.354,

313.351

■ 4, 32.354, 313.351

■ 0, 32.354, 313.351

■ 84, 32.354,
313.351

■ 84, 32.354,
313.351

■ 77, 47.201,
313.824

■ 91, 17.729,
312.888

■ 71, 62.082,
314.287

■ 98, 3.441, 312.415

■ 64, 76.669,
314.708

100, 0.504,
109.987

■ 58, 90.450,
315.033

■ 53, 102.702,

315.192

■ 49, 112.536,
315.095

■ 46, 119.134,
314.652

■ 44, 122.070,
314.098

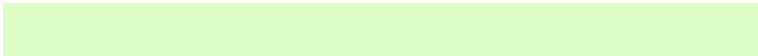
Harmonies

Complementary

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



84, 32.354, 313.351



96, 31.578, 131.360

Rectangle

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



84, 32.354, 313.351



84, 32.354, 3.351



84, 32.354, 133.351



84, 32.354, 183.351

Sweetspot

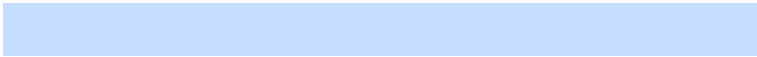
The Sweet Spot groups the original color and five complimentary colors.



84, 32.352, 313.351



95, 9.941, 312.642



87, 18.815, 267.273



50, 6.464, 312.670



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, 32.352, 313.351



81, 39.230, 313.566



86, 33.810, 328.066



49, 8.099, 312.756



33, 98.474, 314.286



7, 44.678, 315.568

Inverse Universe

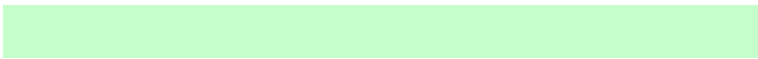
The Inverse Universe completely reimagines the original color for something new.



85, 24.037, 351.407



83, 29.151, 351.951



95, 33.766, 145.247



50, 6.001, 350.017



41, 68.284, 11.467



10, 31.308, 4.491

Previews

White Background



This preview shows how the CIELCh color 84, 32.354, 313.351 looks on a white background.

Color Contrast Check

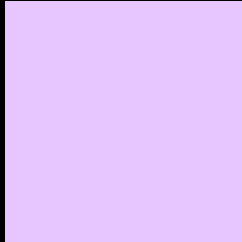
Large Text (above 18pt) WCAG AA × Fail

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, 32.354, 313.351 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, 32.354, 313.351

Background



This preview shows how black text looks on a background with the CIELCh color 84, 32.354, 313.351.

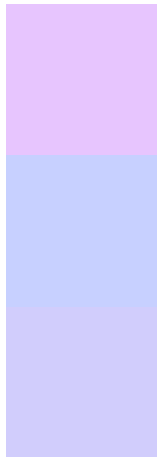


This preview shows how white text looks on a background with the CIELCh color 84, 32.354, 313.351.

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, 32.354, 313.351

Protanopia

84, 24.885, 285.524

Deuteranopia

84, 24.889, 295.321



Tritanopia
84, 11.882, 335.132

Trichromacy



Original Color
84, 32.354, 313.351

Protanomaly
84, 27.091, 297.326

Deuteranomaly
84, 27.508, 302.895

Tritanomaly
84, 19.010, 321.509

Monochromacy



Original Color
84, 32.354, 313.351

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 11.898, 311.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 32.354, 313.351 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, 197, 254)` looks like.

```
.text, #text, p{  
    color:rgb(231, 197, 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(231, 197, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 197, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 32.354, 313.351 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, 197, 254) }
```

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

```
.border{ border-color:rgb(231, 197, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 197, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 197, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 197, 254);  
box-shadow:4px 4px 4px 4px rgb(231, 197,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 32.354, 313.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 197, 254) }
```

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

```
.background{ background-color: rgb(231,  
197, 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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