

Converting Colors

CIE LCh(84, 12.124, 344.638)

Have a look what the booklet for
CIELCh(84, 12.124, 344.638)
contains.

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Color

CIELCh(84, 12.314, 343.615)

Conversions

Conversions Part 1

Format	Color
Hex	E5CAD8
RGB	229, 202, 216
RGB Percent	90%, 79%, 85%
CMY	0.1007, 0.2066, 0.1517
CMYK	0.00, 0.12, 0.06, 0.10
HSL	329°, 34%, 85%
HSV	329°, 12%, 90%
XYZ	66.0380, 64.0658, 74.0585
YIQ	211.6690, 11.5980, 10.0780

Conversions

Conversions Part 2

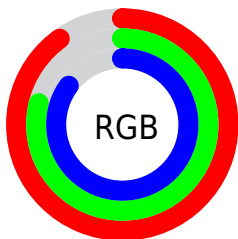
Format	Color
R _Y B	229, 202, 216
Decimal	15059672
CIE Lab	84.00, 11.81, -3.47
CIE LCh	84, 12.314, 343.615
Yxy	64.0658, 0.3235, 0.3138
Android (android.graphics.Color)	4293249752 (0xFFE5CAD8)
YUV	211.6690, 2.1352, 15.1993
Hunter-Lab	80.0411, 7.1996, 1.1704

Details

The CIELCh color **84, 12.314, 343.615** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 12.139, 161.723**, 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, 12.057, 343.755** is the 20% darker color. If you saturate the color by 10%, you get **78, 22.979, 344.565**, and if you desaturate by 10%, it is **90, 1.839, 342.574**.

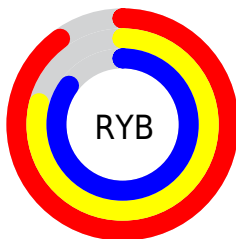
Distribution



Red (90%)

Green (79%)

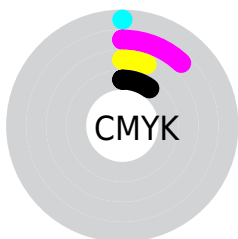
Blue (85%)



Red (90%)

Yellow (79%)

Blue (85%)

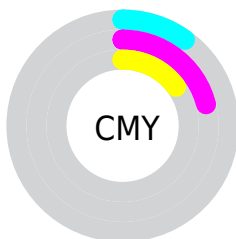


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (10%)



Cyan (10%)

Magenta (21%)

Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 12.314, 343.615 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, 12.314, 343.615 by changing the saturation by 10% instead.


 84, 12.314,
343.615

 84, 12.314,
343.615


 100, 12.314,
343.615


 74, 12.314,
343.615


 64, 12.314,
343.615

 54, 12.314,
343.615

 44, 12.314,
343.615

 34, 12.314,
343.615

 24, 12.314,
343.615

 14, 12.314,

343.615

■ 4, 12.314, 343.615

■ 0, 12.314, 343.615

■ 84, 12.314,
343.615

■ 84, 12.314,
343.615

■ 78, 22.979,
344.565

■ 90, 1.839, 342.574

■ 73, 33.678,
345.613

■ 96, 8.345, 162.103

■ 67, 44.150,
346.806

■ 98, 9.328, 181.142

■ 62, 54.020,
348.196

■ 98, 8.750, 198.928

■ 58, 62.794,

349.859

■ 55, 69.917,
351.900

■ 52, 74.905,
354.462

■ 50, 77.550,
357.704

■ 50, 78.373, 0.889

Harmonies

Complementary

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



84, 12.314, 343.615



89, 12.139, 161.723

Rectangle

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



84, 12.314, 343.615



84, 12.314, 33.615



84, 12.314, 163.615



84, 12.314, 213.615

Sweetspot

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



84, 12.311, 343.619



97, 4.519, 342.891



83, 15.022, 308.442



52, 3.214, 342.969



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, 12.311, 343.619



91, 15.992, 343.830



84, 10.068, 17.441



45, 5.926, 343.407



38, 65.088, 0.148



7, 27.802, 353.550

Inverse Universe

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



84, 12.311, 343.619



91, 15.992, 343.830



89, 9.382, 195.953



45, 5.926, 343.407



38, 65.088, 0.148



7, 27.802, 353.550

Previews

White Background



This preview shows how the CIELCh color 84, 12.314, 343.615 looks on a white background.

Color Contrast Check

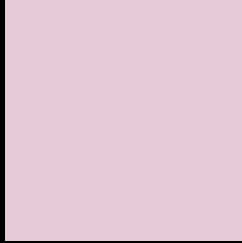
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 12.314, 343.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

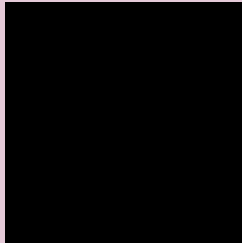
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 12.314, 343.615

Background



This preview shows how black text looks on a background with the CIELCh color 84, 12.314, 343.615.

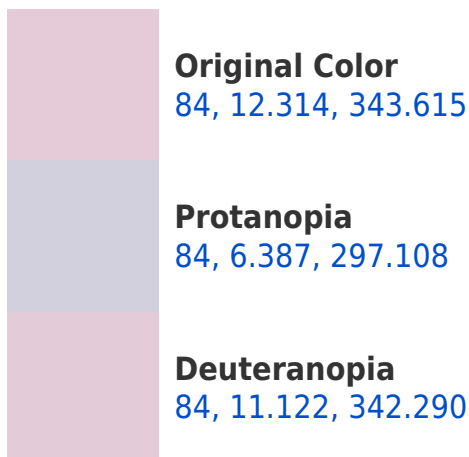


This preview shows how white text looks on a background with the CIELCh color 84, 12.314, 343.615.

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, 13.232, 340.925

Trichromacy



Original Color
84, 12.314, 343.615

Protanomaly
84, 7.956, 320.415

Deuteranomaly
84, 11.412, 343.460

Tritanomaly
84, 12.913, 342.742

Monochromacy



Original Color
84, 12.314, 343.615

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 4.835, 338.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 12.314, 343.615 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(229, 202, 216)` looks like.

```
.text, #text, p{  
    color:rgb(229, 202, 216)  
}
```

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(229, 202, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 202, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 12.314, 343.615 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(229, 202, 216) }
```

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

```
.border{ border-color:rgb(229, 202, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 202, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 202, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 202, 216);  
box-shadow:4px 4px 4px 4px rgb(229, 202,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 12.314, 343.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 202, 216) }
```

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

```
.background{ background-color: rgb(229,  
202, 216) }
```

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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