

Converting Colors

CIELCh(84, 4.309, 330.828)

Have a look what the booklet for
CIELCh(84, 4.309, 330.828) contains.

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Color

CIELCh(84, 4.318, 332.500)

Conversions

Conversions Part 1

Format	Color
Hex	D7CFD5
RGB	215, 207, 213
RGB Percent	84%, 81%, 84%
CMY	0.1558, 0.1871, 0.1636
CMYK	0.00, 0.04, 0.01, 0.16
HSL	315°, 9%, 83%
HSV	315°, 4%, 84%
XYZ	62.5303, 64.0658, 72.2049
YIQ	210.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

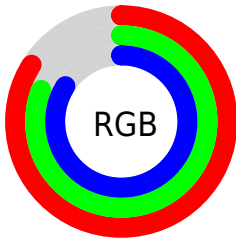
Format	Color
RYB	215, 207, 213
Decimal	14143445
CIELab	84.00, 3.83, -1.99
CIElCh	84, 4.318, 332.500
Yxy	64.0658, 0.3145, 0.3223
Android (android.graphics.Color)	4292333525 (0xFFD7CFD5)
YUV	210.0760, 1.4415, 4.3183
Hunter-Lab	80.0411, -0.6228, 2.5434

Details

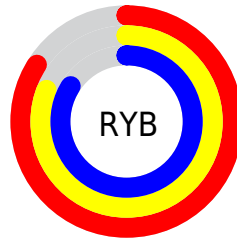
The CIELCh color `84, 4.318, 332.500` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 4.295, 152.182`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 3.891, 333.928` is the 20% darker color. If you saturate the color by 10%, you get `78, 16.037, 333.223`, and if you desaturate by 10%, it is `90, 7.197, 152.002`.

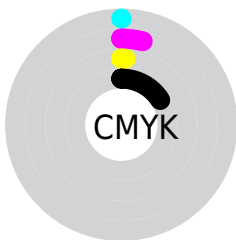
Distribution



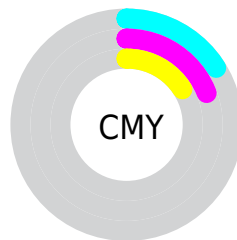
- Red (84%)
- Green (81%)
- Blue (84%)



- Red (84%)
- Yellow (81%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 4.318, 332.500 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, 4.318, 332.500 by changing the saturation by 10% instead.



84, 4.318, 332.500

84, 4.318, 332.500

78, 16.037,
333.223

90, 7.197, 152.002

73, 27.833,
333.928

95, 18.424,
151.377

68, 39.491,
334.663

97, 19.228,
155.468

63, 50.698,
335.438

97, 17.366,
161.893

59, 61.030,
336.263

97, 15.753,
169.704

55, 69.967,
337.156

97, 14.474,
179.054

52, 76.958,
338.146

97, 13.625,
189.856

50, 81.548,
339.277

97, 13.323,
198.616

■ 49, 83.556,
340.605

Harmonies

Complementary

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



84, 4.318, 332.500



85, 4.295, 152.182

Rectangle

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



84, 4.318, 332.500



84, 4.318, 22.500



84, 4.318, 152.500



84, 4.318, 202.500

Sweetspot

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



84, 4.316, 332.504



99, 1.336, 332.119



84, 4.300, 300.134



53, 0.760, 332.101



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, 4.316, 332.504



97, 5.331, 332.531



84, 3.112, 359.692



44, 3.284, 332.585



38, 70.770, 341.271



6, 27.421, 338.367

Inverse Universe

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



84, 4.316, 332.504



97, 5.331, 332.531



85, 3.066, 179.352



44, 3.284, 332.585



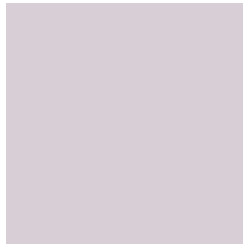
38, 70.770, 341.271



6, 27.421, 338.367

Previews

White Background



This preview shows how the CIELCh color 84, 4.318, 332.500 looks on a white background.

Color Contrast Check

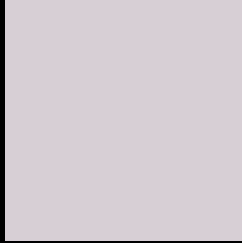
Large Text (above 18pt) WCAG AA × Fail

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, 4.318, 332.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

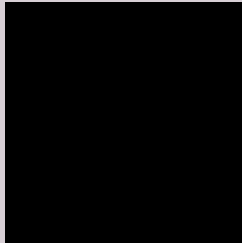
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

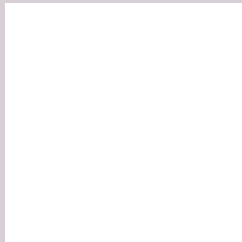
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 4.318, 332.500

Background



This preview shows how black text looks on a background with the CIELCh color 84, 4.318, 332.500.

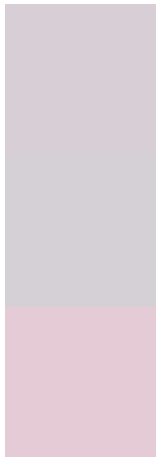


This preview shows how white text looks on a background with the CIELCh color 84, 4.318, 332.500.

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

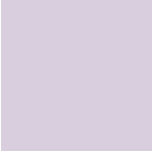
84, 4.318, 332.500

Protanopia

84, 3.501, 314.733

Deuteranopia

84, 10.832, 347.952



Tritanopia
84, 9.357, 315.616

Trichromacy



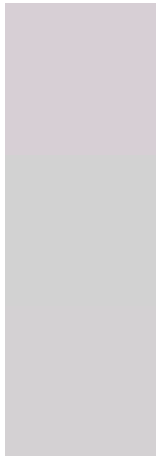
Original Color
84, 4.318, 332.500

Protanomaly
84, 3.668, 319.863

Deuteranomaly
84, 8.113, 344.269

Tritanomaly
84, 7.783, 318.111

Monochromacy



Original Color
84, 4.318, 332.500

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 1.530, 335.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 4.318, 332.500 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(215, 207, 213)` looks like.

```
.text, #text, p{  
    color:rgb(215, 207, 213)  
}
```

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(215, 207, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 207, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 4.318, 332.500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

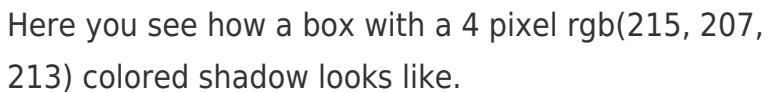
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 207, 213) }
```

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

```
.border{ border-color:rgb(215, 207, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 207, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 207, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 207, 213); box-shadow:4px 4px 4px 4px rgb(215, 207, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 4.318, 332.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 207, 213) }
```

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

```
.background{ background-color: rgb(215,  
207, 213) }
```

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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