

Converting Colors

CIELCh(84, 3.779, 327.580)

Have a look what the booklet for
CIELCh(84, 3.779, 327.580) contains.

CIELCh(84, 3.439, 329.468)	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, 3.439, 329.468)

Conversions

Conversions Part 1

Format	Color
Hex	D6D0D5
RGB	214, 208, 213
RGB Percent	84%, 82%, 84%
CMY	0.1616, 0.1851, 0.1655
CMYK	0.00, 0.03, 0.00, 0.16
HSL	310°, 7%, 83%
HSV	310°, 3%, 84%
XYZ	62.1566, 64.0658, 71.8988
YIQ	210.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

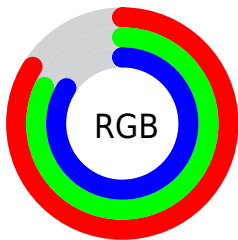
Format	Color
R _Y B	214, 208, 213
Decimal	14078165
CIE Lab	84.00, 2.96, -1.75
CIE LCh	84, 3.439, 329.468
Yxy	64.0658, 0.3137, 0.3234
Android (android.graphics.Color)	4292268245 (0xFFD6D0D5)
YUV	210.3640, 1.2995, 3.1888
Hunter-Lab	80.0411, -1.4561, 2.7701

Details

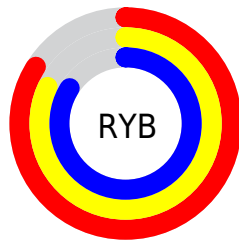
The CIELCh color $84, 3.439, 329.468$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 3.418, 149.316$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $64, 2.958, 330.630$ is the 20% darker color. If you saturate the color by 10%, you get $79, 15.783, 330.152$, and if you desaturate by 10%, it is $90, 8.697, 149.012$.

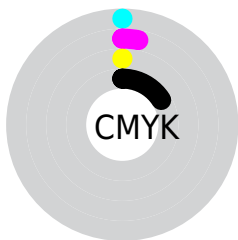
Distribution



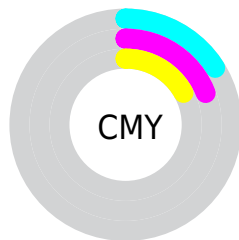
- Red (84%)
- Green (82%)
- Blue (84%)



- Red (84%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 3.439, 329.468 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, 3.439, 329.468 by changing the saturation by 10% instead.

■ 84, 3.439, 329.468

■ 84, 3.439, 329.468

■ 100, 3.439,
329.468

■ 74, 3.439, 329.468

■ 64, 3.439, 329.468

■ 54, 3.439, 329.468

■ 44, 3.439, 329.468

■ 34, 3.439, 329.468

■ 24, 3.439, 329.468

■ 14, 3.439, 329.468

■ 4, 3.439, 329.468

■ 0, 3.439, 329.468

84, 3.439, 329.468

84, 3.439, 329.468

79, 15.783,
330.152

90, 8.697, 149.012

73, 28.202,
330.789

95, 20.535,
148.429

68, 40.477,
331.436

96, 21.838,
150.662

64, 52.291,
332.092

97, 20.476,
153.974

59, 63.222,
332.759

97, 19.184,
157.728

56, 72.752,
333.436

97, 17.978,
161.989

53, 80.336,
334.134

97, 16.876,
166.817

51, 85.520,
334.869

97, 15.901,
172.263

■ 49, 88.109,
335.670

■ 97, 15.078,
178.348

Harmonies

Complementary

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



84, 3.439, 329.468



85, 3.418, 149.316

Rectangle

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



84, 3.439, 329.468



84, 3.439, 19.468



84, 3.439, 149.468



84, 3.439, 199.468

Sweetspot

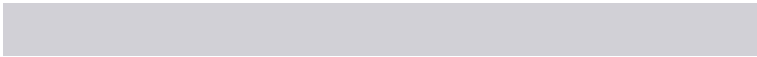
The Sweet Spot groups the original color and five complimentary colors.



84, 3.437, 329.471



99, 1.418, 329.202



84, 3.197, 296.908



53, 0.806, 329.186



0, 0.000, 0.000



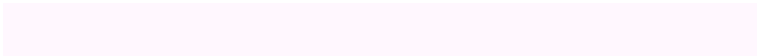
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 3.437, 329.471



98, 4.242, 329.491



84, 2.435, 353.746



44, 2.787, 329.552



39, 75.217, 336.145



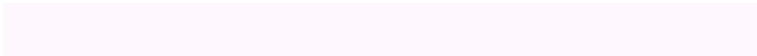
6, 29.153, 334.350

Inverse Universe

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



84, 3.437, 329.471



98, 4.242, 329.491



85, 2.408, 173.643



44, 2.787, 329.552



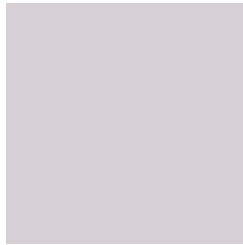
39, 75.217, 336.145



6, 29.153, 334.350

Previews

White Background



This preview shows how the CIELCh color 84, 3.439, 329.468 looks on a white background.

Color Contrast Check

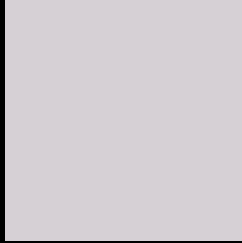
Large Text (above 18pt) WCAG AA × Fail

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, 3.439, 329.468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

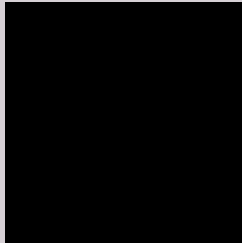
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

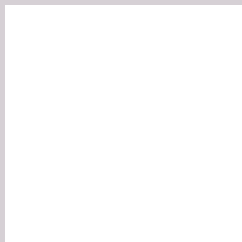
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 3.439, 329.468

Background



This preview shows how black text looks on a background with the CIELCh color 84, 3.439, 329.468.

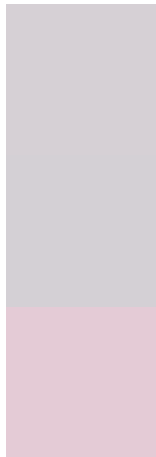


This preview shows how white text looks on a background with the CIELCh color 84, 3.439, 329.468.

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, 3.439, 329.468

Protanopia

84, 3.029, 318.843

Deuteranopia

84, 10.832, 347.952



Tritanopia
84, 9.572, 310.405

Trichromacy



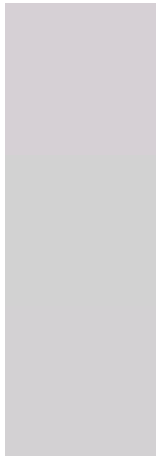
Original Color
84, 3.439, 329.468

Protanomaly
84, 3.220, 324.487

Deuteranomaly
84, 8.113, 344.269

Tritanomaly
84, 6.986, 314.869

Monochromacy



Original Color
84, 3.439, 329.468

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 1.294, 324.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 3.439, 329.468 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(214, 208, 213)` looks like.

```
.text, #text, p{  
    color:rgb(214, 208, 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(214, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 208, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 3.439, 329.468 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(214, 208, 213) }
```

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

```
.border{ border-color:rgb(214, 208, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 208, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(214, 208,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 3.439, 329.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 208, 213) }
```

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

```
.background{ background-color: rgb(214,  
208, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor