

Converting Colors

CIELCh(69, 3.610, 84.628)

Have a look what the booklet for
CIELCh(69, 3.610, 84.628) contains.

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Color

CIELCh(69, 3.610, 84.628)

Conversions

Conversions Part 1

Format	Color
Hex	ACA8A2
RGB	172, 168, 162
RGB Percent	67%, 66%, 64%
CMY	0.3258, 0.3415, 0.3650
CMYK	0.00, 0.02, 0.06, 0.33
HSL	36°, 6%, 65%
HSV	36°, 6%, 67%
XYZ	37.4992, 39.3444, 39.7641
YIQ	168.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

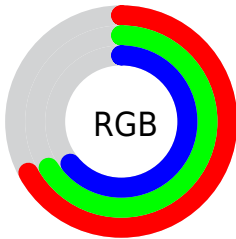
Format	Color
RYB	169, 172, 162
Decimal	11315362
CIELab	69.00, 0.34, 3.59
CIELCh	69, 3.610, 84.628
Yxy	39.3444, 0.3216, 0.3374
Android (android.graphics.Color)	4289505442 (0xFFACA8A2)
YUV	168.5120, -3.2104, 3.0590
Hunter-Lab	62.7251, -3.0554, 6.3211

Details

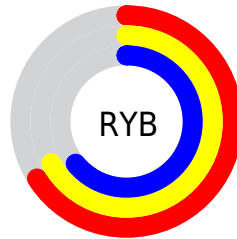
The CIELCh color **69, 3.610, 84.628** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 3.603, 266.261**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 3.419, 84.772**, and **49, 3.869, 84.366** is the 20% darker color. If you saturate the color by 10%, you get **67, 9.979, 83.433**, and if you desaturate by 10%, it is **71, 2.573, 266.057**.

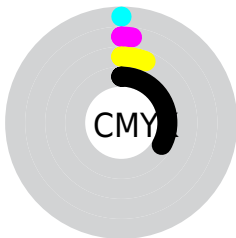
Distribution



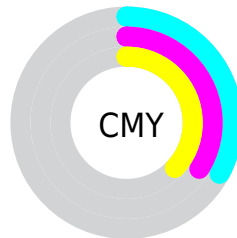
- Red (67%)
- Green (66%)
- Blue (64%)



- Red (66%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (33%)



- Cyan (33%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 3.610, 84.628 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 69, 3.610, 84.628 by changing the saturation by 10% instead.

■ 69, 3.610, 84.628

■ 69, 3.610, 84.628

■ 100, 3.610, 84.628

■ 59, 3.610, 84.628

■ 89, 3.610, 84.628

■ 49, 3.610, 84.628

■ 99, 3.610, 84.628

■ 39, 3.610, 84.628

■ 29, 3.610, 84.628

■ 19, 3.610, 84.628

■ 9, 3.610, 84.628

■ 0, 3.610, 84.628

■ 69, 3.610, 84.628

■ 69, 3.610, 84.628

■ 67, 9.979, 83.433

■ 71, 2.573, 266.057

65, 16.538, 82.134

74, 8.585, 267.169

62, 23.281, 80.795

76, 14.439,
268.290

60, 30.180, 79.418

78, 20.150,
269.368

58, 37.157, 77.996

56, 44.052, 76.502

81, 25.732,
270.397

54, 50.558, 74.873

83, 26.452,
266.205

53, 56.138, 72.978

51, 60.101, 70.611

85, 24.245,
257.195

86, 22.722,
246.807

88, 22.004,
235.468

Harmonies

Complementary

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



69, 3.610, 84.628



68, 3.603, 266.261

Rectangle

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



69, 3.610, 84.628



69, 3.610, 134.628



69, 3.610, 264.628



69, 3.610, 314.628

Sweetspot

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



69, 3.611, 84.657



89, 1.528, 84.992



68, 4.420, 349.836



47, 0.867, 84.993



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 3.611, 84.657



87, 5.410, 84.506



70, 5.468, 113.643



36, 2.839, 84.469



44, 55.808, 70.009



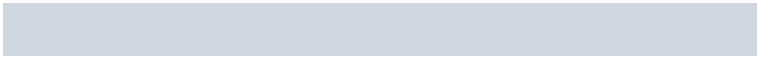
4, 6.863, 75.894

Inverse Universe

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



68, 3.603, 266.261



86, 5.386, 266.425



67, 5.550, 294.590



35, 2.826, 266.466



28, 57.986, 291.762



2, 8.028, 271.710

Previews

White Background



This preview shows how the CIELCh color 69, 3.610, 84.628 looks on a white background.

Color Contrast Check

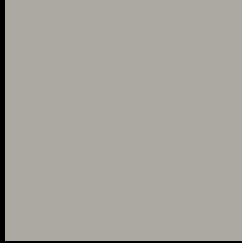
Large Text (above 18pt) WCAG AA × Fail

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 69, 3.610, 84.628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

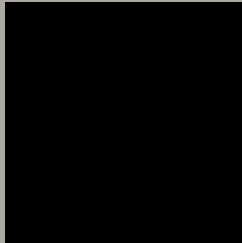
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

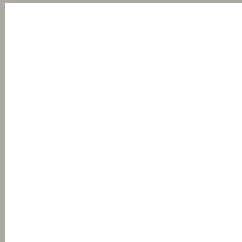
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 3.610, 84.628

Background



This preview shows how black text looks on a background with the CIELCh color 69, 3.610, 84.628.



This preview shows how white text looks on a background with the CIELCh color 69, 3.610, 84.628.

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

69, 3.610, 84.628

Protanopia

69, 3.788, 79.316

Deuteranopia

69, 9.334, 20.194



Tritanopia
69, 7.933, 315.768

Trichromacy



Original Color
69, 3.610, 84.628

Protanomaly
69, 3.788, 79.316

Deuteranomaly
69, 6.671, 29.316

Tritanomaly
69, 4.247, 328.785

Monochromacy



Original Color
69, 3.610, 84.628

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.149, 90.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 3.610, 84.628 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(172, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(172, 168, 162)  
}
```

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(172, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 168, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 3.610, 84.628 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(172, 168, 162) }
```

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

```
.border{ border-color:rgb(172, 168, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 168, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 168, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 168, 162);  
box-shadow:4px 4px 4px 4px rgb(172, 168,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 3.610, 84.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 168, 162) }
```

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

```
.background{ background-color: rgb(172,  
168, 162) }
```

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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