

Converting Colors

CIELCh(69, 2.864, 305.615)

Have a look what the booklet for
CIELCh(69, 2.864, 305.615) contains.

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Color

CIELCh(69, 2.861, 305.614)

Conversions

Conversions Part 1

Format	Color
Hex	AAA8AD
RGB	170, 168, 173
RGB Percent	67%, 66%, 68%
CMY	0.3350, 0.3429, 0.3233
CMYK	0.02, 0.03, 0.00, 0.32
HSL	264°, 3%, 67%
HSV	264°, 3%, 68%
XYZ	37.9081, 39.3444, 44.9116
YIQ	169.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

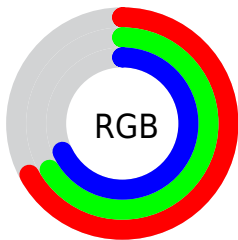
Format	Color
RYB	170, 168, 173
Decimal	11184301
CIELab	69.00, 1.67, -2.33
CIELCh	69, 2.861, 305.614
Yxy	39.3444, 0.3103, 0.3221
Android (android.graphics.Color)	4289374381 (0xFFAAA8AD)
YUV	169.1680, 1.8892, 0.7297
Hunter-Lab	62.7251, -1.8919, 1.4556

Details

The CIELCh color **69, 2.861, 305.614** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 2.830, 125.378**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 2.717, 305.574**, and **49, 3.057, 305.676** is the 20% darker color. If you saturate the color by 10%, you get **64, 12.917, 306.139**, and if you desaturate by 10%, it is **74, 6.875, 125.181**.

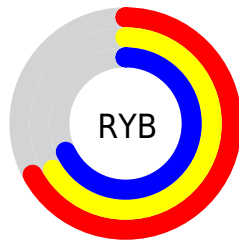
Distribution



Red (67%)

Green (66%)

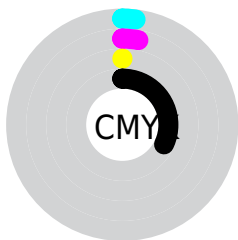
Blue (68%)



Red (67%)

Yellow (66%)

Blue (68%)

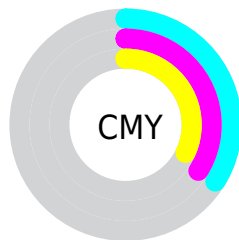


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (32%)



Cyan (34%)

Magenta (34%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 2.861, 305.614 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, 2.861, 305.614 by changing the saturation by 10% instead.

■ 69, 2.861, 305.614

■ 69, 2.861, 305.614

■ 100, 2.861,
305.614

■ 59, 2.861, 305.614

■ 89, 2.861, 305.614

■ 49, 2.861, 305.614

■ 99, 2.861, 305.614

■ 39, 2.861, 305.614

■ 29, 2.861, 305.614

■ 19, 2.861, 305.614

■ 9, 2.861, 305.614

■ 0, 2.861, 305.614

■ 69, 2.861, 305.614

■ 69, 2.861, 305.614

■ 64, 12.917,

■ 74, 6.875, 125.181

306.139

80, 16.290,
124.772

58, 23.293,
306.717

85, 25.399,
124.418

53, 33.957,
307.347

90, 34.217,
124.112

48, 44.837,
308.018

96, 42.759,
123.848

42, 55.782,
308.703

97, 42.332,
119.187

38, 66.516,
309.351

97, 41.619,
113.905

33, 76.567,
309.884

98, 41.299,
108.402

29, 85.224,
310.184

98, 41.284,
107.026

26, 91.628,
310.109

Harmonies

Complementary

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



69, 2.861, 305.614



70, 2.830, 125.378

Rectangle

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



69, 2.861, 305.614



69, 2.861, 355.614



69, 2.861, 125.614



69, 2.861, 175.614

Sweetspot

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



69, 2.859, 305.602



89, 1.226, 305.463



70, 1.548, 242.414



47, 0.696, 305.456



95, 0.011, 296.813



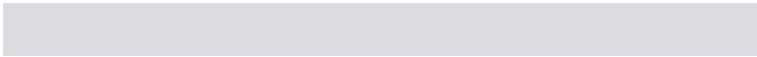
47, 0.006, 296.813

Same Dimension

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



69, 2.859, 305.602



87, 3.670, 305.611



69, 3.226, 321.314



36, 2.247, 305.648



21, 85.809, 310.032



1, 11.662, 302.772

Inverse Universe

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



69, 2.520, 338.696



88, 3.235, 338.714



70, 3.208, 141.170



36, 1.980, 338.786



32, 59.132, 352.324



2, 9.738, 343.407

Previews

White Background



This preview shows how the CIE LCh color 69, 2.861, 305.614 looks on a white background.

Color Contrast Check

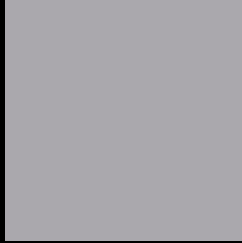
Large Text (above 18pt) WCAG AA × Fail

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, 2.861, 305.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

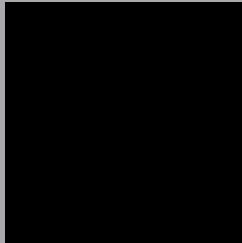
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

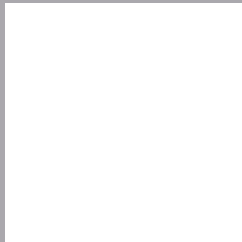
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 2.861, 305.614

Background



This preview shows how black text looks on a background with the CIELCh color 69, 2.861, 305.614.



This preview shows how white text looks on a background with the CIELCh color 69, 2.861, 305.614.

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, 2.861, 305.614

Protanopia

69, 2.988, 312.556

Deuteranopia

69, 9.078, 343.065



Tritanopia
69, 7.945, 304.333

Trichromacy



Original Color
69, 2.861, 305.614

Protanomaly
69, 2.988, 312.556

Deuteranomaly
69, 6.338, 336.084

Tritanomaly
69, 5.627, 302.117

Monochromacy



Original Color
69, 2.861, 305.614

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.173, 309.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 2.861, 305.614 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(170, 168, 173)` looks like.

```
.text, #text, p{  
    color:rgb(170, 168, 173)  
}
```

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(170, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 168, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 2.861, 305.614 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(170, 168, 173) }
```

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

```
.border{ border-color:rgb(170, 168, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 168, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(170, 168,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 2.861, 305.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 168, 173) }
```

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

```
.background{ background-color: rgb(170,  
168, 173) }
```

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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