

Converting Colors

CIELCh(69, 14.295, 302.869)

Have a look what the booklet for
CIELCh(69, 14.295, 302.869)
contains.

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Color

CIELCh(69, 14.024, 301.869)

Conversions

Conversions Part 1

Format	Color
Hex	ACA5BE
RGB	172, 165, 190
RGB Percent	67%, 65%, 75%
CMY	0.3259, 0.3533, 0.2553
CMYK	0.09, 0.13, 0.00, 0.26
HSL	257°, 16%, 70%
HSV	257°, 13%, 74%
XYZ	39.7090, 39.3444, 54.1556
YIQ	169.9430, -3.8530, 9.2590

Conversions

Conversions Part 2

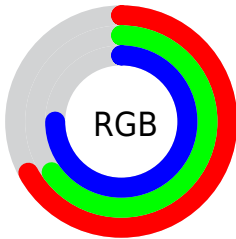
Format	Color
R_{YB}	172, 165, 190
Decimal	11314622
CIE _{Lab}	69.00, 7.40, -11.91
CIE _{LCh}	69, 14.024, 301.869
Yxy	39.3444, 0.2981, 0.2954
Android (android.graphics.Color)	4289504702 (0xFFACA5BE)
YUV	169.9430, 9.8881, 1.8040
Hunter-Lab	62.7251, 3.2331, -7.2822

Details

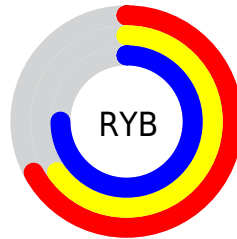
The CIELCh color **69, 14.024, 301.869** is a light color, and the websafe version is hex **999999**. A complement of this color would be **76, 13.666, 120.275**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 13.817, 301.312**, and **49, 14.416, 302.561** is the 20% darker color. If you saturate the color by 10%, you get **63, 25.117, 302.597**, and if you desaturate by 10%, it is **75, 3.316, 301.217**.

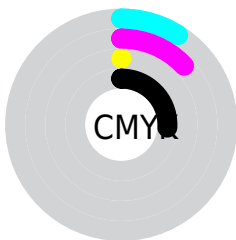
Distribution



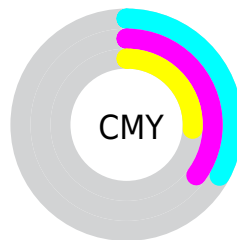
- Red (67%)
- Green (65%)
- Blue (75%)



- Red (67%)
- Yellow (65%)
- Blue (75%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (26%)




- Cyan (33%)
- Magenta (35%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 14.024, 301.869 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, 14.024, 301.869 by changing the saturation by 10% instead.

 69, 14.024,
301.869


 69, 14.024,
301.869


 100, 14.024,
301.869


 59, 14.024,
301.869


 89, 14.024,
301.869

 49, 14.024,
301.869

 99, 14.024,
301.869

 39, 14.024,
301.869

 29, 14.024,
301.869

 19, 14.024,
301.869

 9, 14.024, 301.869

 0, 14.024, 301.869

69, 14.024,
301.869

69, 14.024,
301.869

63, 25.117,
302.597

75, 3.316, 301.217

57, 36.592,
303.418

81, 7.011, 120.678

51, 48.398,
304.324

87, 16.976,
120.191

45, 60.412,
305.293

93, 26.598,
119.774

40, 72.360,
306.272

98, 33.289,
117.316

34, 83.717,
307.167

99, 32.766,
108.391

30, 93.607,
307.829

99, 32.762,
107.684

27, 100.869,

308.071

■ 25, 104.412,
308.058

Harmonies

Complementary

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



69, 14.024, 301.869



76, 13.666, 120.275

Rectangle

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



69, 14.024, 301.869



69, 14.024, 351.869



69, 14.024, 121.869



69, 14.024, 171.869

Sweetspot

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



69, 14.022, 301.867



94, 5.203, 301.274



73, 7.399, 228.343



50, 3.732, 301.322



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 14.022, 301.867



85, 21.243, 302.083



70, 15.457, 318.358



37, 5.967, 301.611



20, 91.024, 308.178



1, 17.639, 298.388

Inverse Universe

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



70, 13.602, 334.346



87, 20.531, 334.567



75, 15.335, 137.217



37, 5.811, 334.074



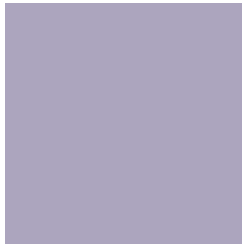
35, 65.571, 343.196



3, 16.364, 338.647

Previews

White Background



This preview shows how the CIELCh color 69, 14.024, 301.869 looks on a white background.

Color Contrast Check

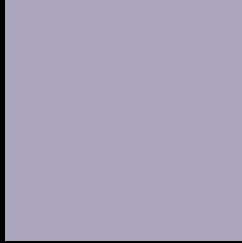
Large Text (above 18pt) WCAG AA × Fail

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, 14.024, 301.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

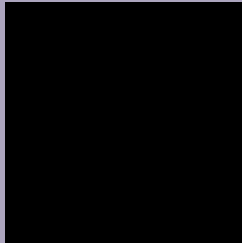
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 14.024, 301.869

Background



This preview shows how black text looks on a background with the CIELCh color 69, 14.024, 301.869.



This preview shows how white text looks on a background with the CIELCh color 69, 14.024, 301.869.

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, 14.024, 301.869

Protanopia

69, 13.197, 288.423

Deuteranopia

69, 14.905, 307.012



Tritanopia
69, 7.249, 299.645

Trichromacy



Original Color
69, 14.024, 301.869

Protanomaly
69, 13.782, 294.519

Deuteranomaly
69, 14.811, 305.656

Tritanomaly
69, 10.095, 301.560

Monochromacy



Original Color
69, 14.024, 301.869

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 5.084, 303.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 14.024, 301.869 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, 165, 190)` looks like.

```
.text, #text, p{  
    color:rgb(172, 165, 190)  
}
```

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, 165, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 165, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 14.024, 301.869 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, 165, 190) }
```

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

```
.border{ border-color:rgb(172, 165, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 165, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 165, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 165, 190);  
box-shadow:4px 4px 4px 4px rgb(172, 165,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 14.024, 301.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 165, 190) }
```

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

```
.background{ background-color: rgb(172,  
165, 190) }
```

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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