

Converting Colors

CIELCh(69, 13.264, 302.240)

Have a look what the booklet for
CIELCh(69, 13.264, 302.240)
contains.

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Color

CIELCh(69, 13.484, 302.261)

Conversions

Conversions Part 1

Format	Color
Hex	ACA5BD
RGB	172, 165, 189
RGB Percent	67%, 65%, 74%
CMY	0.3256, 0.3530, 0.2589
CMYK	0.09, 0.13, 0.00, 0.26
HSL	257°, 15%, 69%
HSV	257°, 13%, 74%
XYZ	39.6431, 39.3444, 53.6368
YIQ	169.8290, -3.5320, 8.9480

Conversions

Conversions Part 2

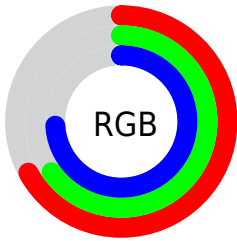
Format	Color
RYB	172, 165, 189
Decimal	11314621
CIELab	69.00, 7.20, -11.40
CIELCh	69, 13.484, 302.261
Yxy	39.3444, 0.2989, 0.2967
Android (android.graphics.Color)	4289504701 (0xFFACA5BD)
YUV	169.8290, 9.4513, 1.9040
Hunter-Lab	62.7251, 3.0455, -6.7919

Details

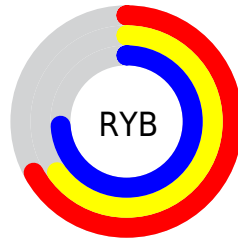
The CIELCh color $69, 13.484, 302.261$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 13.155, 120.759$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 13.305, 301.681$, and $49, 13.841, 302.972$ is the 20% darker color. If you saturate the color by 10%, you get $63, 24.527, 302.968$, and if you desaturate by 10%, it is $75, 2.821, 301.624$.

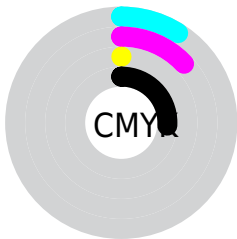
Distribution



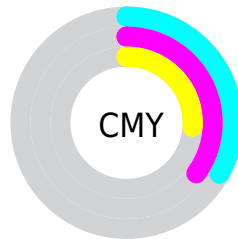
- Red (67%)
- Green (65%)
- Blue (74%)



- Red (67%)
- Yellow (65%)
- Blue (74%)



- 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, 13.484, 302.261 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, 13.484, 302.261 by changing the saturation by 10% instead.


 69, 13.484,
302.261


 69, 13.484,
302.261


 100, 13.484,
302.261


 59, 13.484,
302.261


 89, 13.484,
302.261

 49, 13.484,
302.261

 99, 13.484,
302.261

 39, 13.484,
302.261

 29, 13.484,
302.261

 19, 13.484,
302.261

 9, 13.484, 302.261

 0, 13.484, 302.261

69, 13.484,
302.261

69, 13.484,
302.261

63, 24.527,
302.968

75, 2.821, 301.624

57, 35.945,
303.764

81, 7.466, 121.102

51, 47.687,
304.641

87, 17.393,
120.628

45, 59.631,
305.576

93, 26.982,
120.221

40, 71.511,
306.519

97, 33.832,
118.003

35, 82.819,
307.380

98, 33.237,
109.422

30, 92.705,
308.015

99, 33.215,
107.649

27, 100.045,

308.242

■ 25, 103.833,
308.205

Harmonies

Complementary

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



69, 13.484, 302.261



75, 13.155, 120.759

Rectangle

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



69, 13.484, 302.261



69, 13.484, 352.261



69, 13.484, 122.261



69, 13.484, 172.261

Sweetspot

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



69, 13.482, 302.259



94, 5.168, 301.709



73, 7.099, 230.456



49, 3.675, 301.756



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 13.482, 302.259



85, 19.740, 302.431



70, 14.913, 318.848



37, 5.975, 302.040



20, 90.848, 308.325



1, 17.655, 298.706

Inverse Universe

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



70, 12.958, 334.784



87, 18.919, 334.968



75, 14.807, 137.738



37, 5.763, 334.543



35, 65.073, 344.021



3, 16.198, 339.316

Previews

White Background



This preview shows how the CIELCh color 69, 13.484, 302.261 looks on a white background.

Color Contrast Check

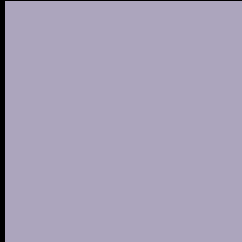
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 13.484, 302.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

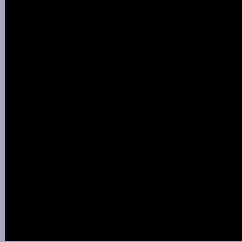
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 13.484, 302.261

Background



This preview shows how black text looks on a background with the CIELCh color 69, 13.484, 302.261.



This preview shows how white text looks on a background with the CIELCh color 69, 13.484, 302.261.

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, 13.484, 302.261

Protanopia

69, 12.649, 288.227

Deuteranopia

69, 14.377, 307.580



Tritanopia
69, 7.249, 299.645

Trichromacy



Original Color
69, 13.484, 302.261

Protanomaly
69, 13.234, 294.596

Deuteranomaly
69, 14.280, 306.174

Tritanomaly
69, 9.555, 302.127

Monochromacy



Original Color
69, 13.484, 302.261

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, 13.484, 302.261 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(172, 165, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 165, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 13.484, 302.261 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, 189) }
```

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

```
.border{ border-color:rgb(172, 165, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 165, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 165, 189);  
box-shadow:4px 4px 4px 4px rgb(172, 165,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 13.484, 302.261 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, 189) }
```

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

```
.background{ background-color: rgb(172,  
165, 189) }
```

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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