

Converting Colors

CIELCh(69, 18.312, 3.883)

Have a look what the booklet for
CIELCh(69, 18.312, 3.883) contains.

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Color

CIELCh(69, 18.294, 3.874)

Conversions

Conversions Part 1

Format	Color
Hex	CA9DA7
RGB	202, 157, 167
RGB Percent	79%, 62%, 65%
CMY	0.2088, 0.3852, 0.3460
CMYK	0.00, 0.22, 0.17, 0.21
HSL	347°, 30%, 70%
HSV	347°, 22%, 79%
XYZ	43.2676, 39.3444, 41.7646
YIQ	171.5950, 23.6100, 12.6500

Conversions

Conversions Part 2

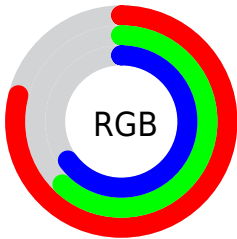
Format	Color
R _Y B	202, 157, 167
Decimal	13278631
CIE Lab	69.00, 18.25, 1.24
CIE LCh	69, 18.294, 3.874
Yxy	39.3444, 0.3479, 0.3163
Android (android.graphics.Color)	4291468711 (0xFFCA9DA7)
YUV	171.5950, -2.2653, 26.6652
Hunter-Lab	62.7251, 13.3599, 4.4302

Details

The CIELCh color $69, 18.294, 3.874$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 16.813, 179.528$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 16.592, 2.481$, and $49, 18.405, 3.442$ is the 20% darker color. If you saturate the color by 10%, you get $64, 27.038, 5.258$, and if you desaturate by 10%, it is $74, 9.853, 2.708$.

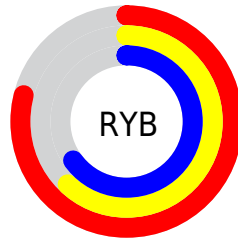
Distribution



Red (79%)

Green (62%)

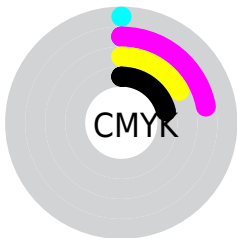
Blue (65%)



Red (79%)

Yellow (62%)

Blue (65%)

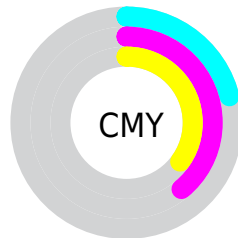


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (21%)



Cyan (21%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 18.294, 3.874 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, 18.294, 3.874 by changing the saturation by 10% instead.

 69, 18.294, 3.874  69, 18.294, 3.874

 100, 18.294, 3.874  59, 18.294, 3.874

 89, 18.294, 3.874  49, 18.294, 3.874

 99, 18.294, 3.874  39, 18.294, 3.874

 29, 18.294, 3.874

 19, 18.294, 3.874

 9, 18.294, 3.874

 0, 18.294, 3.874

 69, 18.294, 3.874  69, 18.294, 3.874

 64, 27.038, 5.258  74, 9.853, 2.708

■ 59, 35.947, 6.931

■ 80, 1.796, 1.499

■ 54, 44.786, 9.006

■ 86, 5.853, 181.022

■ 50, 53.232, 11.616

■ 91, 13.099,
180.230

■ 47, 60.928, 14.921

■ 96, 18.681,
182.676

■ 45, 67.591, 19.056

■ 43, 73.164, 24.030

■ 97, 17.560,
198.342

■ 42, 77.027, 28.107

Harmonies

Complementary

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



69, 18.294, 3.874



78, 16.813, 179.528

Rectangle

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



69, 18.294, 3.874



69, 18.294, 53.874



69, 18.294, 183.874



69, 18.294, 233.874

Sweetspot

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



69, 18.292, 3.878



95, 6.697, 2.142



69, 27.696, 318.767



50, 4.358, 2.209



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 18.292, 3.878



82, 27.079, 4.547



72, 14.742, 46.399



40, 4.554, 2.393



34, 66.102, 27.242



4, 18.278, 8.601

Inverse Universe

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



69, 18.292, 3.878



82, 27.079, 4.547



75, 12.853, 229.101



40, 4.554, 2.393



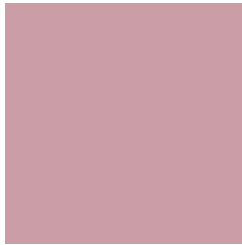
34, 66.102, 27.242



4, 18.278, 8.601

Previews

White Background



This preview shows how the CIELCh color 69, 18.294, 3.874 looks on a white background.

Color Contrast Check

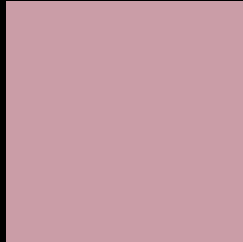
Large Text (above 18pt) WCAG AA × Fail

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, 18.294, 3.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

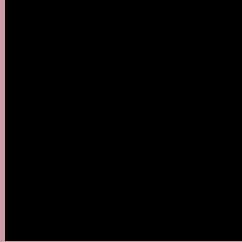
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 18.294, 3.874

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.294, 3.874.



This preview shows how white text looks on a background with the CIELCh color 69, 18.294, 3.874.

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, 18.294, 3.874

Protanopia

69, 2.861, 305.614

Deuteranopia

69, 9.030, 9.741



Tritanopia
69, 19.120, 359.541

Trichromacy



Original Color
69, 18.294, 3.874

Protanomaly
69, 7.870, 350.948

Deuteranomaly
69, 12.320, 7.750

Tritanomaly
69, 18.963, 1.101

Monochromacy



Original Color
69, 18.294, 3.874

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.341, 4.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.294, 3.874 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(202, 157, 167)` looks like.

```
.text, #text, p{  
    color:rgb(202, 157, 167)  
}
```

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(202, 157, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 157, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.294, 3.874 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(202, 157, 167) }
```

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

```
.border{ border-color:rgb(202, 157, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 157, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 157, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 157, 167);  
box-shadow:4px 4px 4px 4px rgb(202, 157,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.294, 3.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 157, 167) }
```

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

```
.background{ background-color: rgb(202,  
157, 167) }
```

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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