

Converting Colors

CIELCh(69, 18.694, 4.296)

Have a look what the booklet for
CIELCh(69, 18.694, 4.296) contains.

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Color

CIELCh(69, 19.074, 4.691)

Conversions

Conversions Part 1

Format	Color
Hex	CB9CA6
RGB	203, 156, 166
RGB Percent	80%, 61%, 65%
CMY	0.2030, 0.3873, 0.3481
CMYK	0.00, 0.23, 0.18, 0.20
HSL	347°, 31%, 70%
HSV	347°, 23%, 80%
XYZ	43.5239, 39.3444, 41.4859
YIQ	171.1930, 24.8020, 13.0740

Conversions

Conversions Part 2

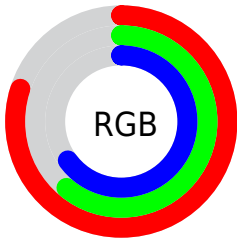
Format	Color
R _Y B	203, 156, 166
Decimal	13343910
CIE Lab	69.00, 19.01, 1.56
CIE LCh	69, 19.074, 4.691
Yxy	39.3444, 0.3500, 0.3164
Android (android.graphics.Color)	4291533990 (0xFFCB9CA6)
YUV	171.1930, -2.5601, 27.8947
Hunter-Lab	62.7251, 14.0892, 4.6936

Details

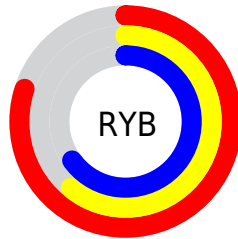
The CIELCh color **69, 19.074, 4.691** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78, 17.423, 180.175**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 16.962, 2.918**, and **49, 19.242, 4.403** is the 20% darker color. If you saturate the color by 10%, you get **64, 27.886, 6.099**, and if you desaturate by 10%, it is **74, 10.570, 3.511**.

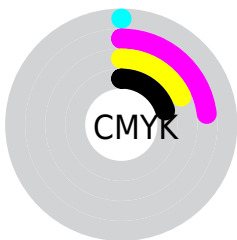
Distribution



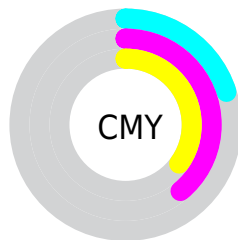
- Red (80%)
- Green (61%)
- Blue (65%)



- Red (80%)
- Yellow (61%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (18%)
- Black (20%)



- Cyan (20%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 19.074, 4.691 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, 19.074, 4.691 by changing the saturation by 10% instead.

 69, 19.074, 4.691  69, 19.074, 4.691

 100, 19.074, 4.691  59, 19.074, 4.691

 89, 19.074, 4.691  49, 19.074, 4.691

 99, 19.074, 4.691  39, 19.074, 4.691

 29, 19.074, 4.691

 19, 19.074, 4.691

 9, 19.074, 4.691

 0, 19.074, 4.691

 69, 19.074, 4.691  69, 19.074, 4.691

 64, 27.886, 6.099  74, 10.570, 3.511

■ 59, 36.864, 7.808

■ 80, 2.458, 2.363

■ 54, 45.766, 9.934

■ 86, 5.238, 181.818

■ 50, 54.267, 12.614

■ 91, 12.521,
181.015

■ 47, 62.012, 16.006

■ 96, 18.061,
183.846

■ 45, 68.734, 20.234

■ 43, 74.393, 25.271

■ 97, 17.107,
198.371

■ 43, 77.943, 28.877

Harmonies

Complementary

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



69, 19.074, 4.691



78, 17.423, 180.175

Rectangle

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



69, 19.074, 4.691



69, 19.074, 54.691



69, 19.074, 184.691



69, 19.074, 234.691

Sweetspot

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



69, 19.072, 4.695



95, 6.672, 2.854



69, 29.036, 319.319



50, 4.342, 2.921



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, 19.072, 4.695



82, 28.072, 5.398



72, 15.353, 48.233



40, 4.537, 3.104



34, 66.496, 27.992



4, 18.250, 9.052

Inverse Universe

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



69, 19.072, 4.695



82, 28.072, 5.398



75, 13.361, 231.419



40, 4.537, 3.104



34, 66.496, 27.992



4, 18.250, 9.052

Previews

White Background



This preview shows how the CIELCh color 69, 19.074, 4.691 looks on a white background.

Color Contrast Check

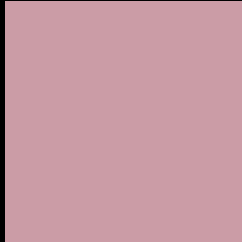
Large Text (above 18pt) WCAG AA × Fail

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, 19.074, 4.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

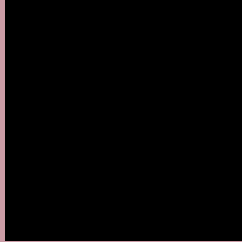
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 19.074, 4.691

Background



This preview shows how black text looks on a background with the CIELCh color 69, 19.074, 4.691.



This preview shows how white text looks on a background with the CIELCh color 69, 19.074, 4.691.

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, 19.074, 4.691

Protanopia

69, 2.861, 305.614

Deuteranopia

69, 8.965, 13.184



Tritanopia
69, 19.333, 1.552

Trichromacy



Original Color
69, 19.074, 4.691

Protanomaly
69, 7.870, 350.948

Deuteranomaly
69, 12.237, 10.256

Tritanomaly
69, 19.196, 3.110

Monochromacy



Original Color
69, 19.074, 4.691

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.715, 5.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 19.074, 4.691 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(203, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(203, 156, 166)  
}
```

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(203, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 156, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 19.074, 4.691 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(203, 156, 166) }
```

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

```
.border{ border-color:rgb(203, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(203, 156,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 19.074, 4.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 156, 166) }
```

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

```
.background{ background-color: rgb(203,  
156, 166) }
```

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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