

Converting Colors

CIELCh(69, 14.860, 3.855)

Have a look what the booklet for
CIELCh(69, 14.860, 3.855) contains.

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Color

CIELCh(69, 14.980, 3.899)

Conversions

Conversions Part 1

Format	Color
Hex	C49FA7
RGB	196, 159, 167
RGB Percent	77%, 62%, 65%
CMY	0.2312, 0.3763, 0.3449
CMYK	0.00, 0.19, 0.15, 0.23
HSL	347°, 24%, 70%
HSV	347°, 19%, 77%
XYZ	42.1612, 39.3444, 41.9523
YIQ	170.9750, 19.4840, 10.3320

Conversions

Conversions Part 2

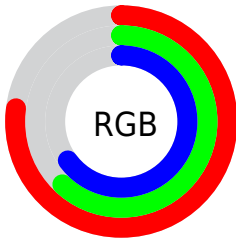
Format	Color
R_{YB}	196, 159, 167
Decimal	12885927
CIE _{Lab}	69.00, 14.95, 1.02
CIE _{LCh}	69, 14.980, 3.899
Yxy	39.3444, 0.3415, 0.3187
Android (android.graphics.Color)	4291076007 (0xFFC49FA7)
YUV	170.9750, -1.9597, 21.9469
Hunter-Lab	62.7251, 10.2113, 4.2528

Details

The CIELCh color **69, 14.980, 3.899** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 13.940, 180.334**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 14.879, 4.355**, and **49, 15.271, 3.622** is the 20% darker color. If you saturate the color by 10%, you get **64, 23.423, 5.200**, and if you desaturate by 10%, it is **74, 6.871, 2.785**.

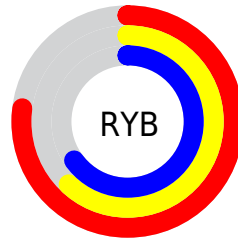
Distribution



Red (77%)

Green (62%)

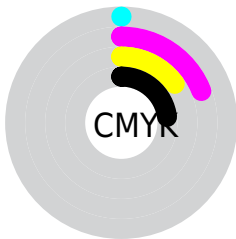
Blue (65%)



Red (77%)

Yellow (62%)

Blue (65%)

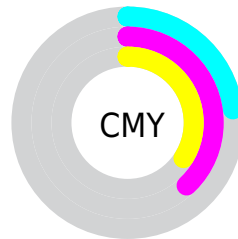


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 14.980, 3.899 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, 14.980, 3.899 by changing the saturation by 10% instead.

 69, 14.980, 3.899

 69, 14.980, 3.899

 100, 14.980, 3.899

 59, 14.980, 3.899

 89, 14.980, 3.899

 49, 14.980, 3.899

 99, 14.980, 3.899

 39, 14.980, 3.899

 29, 14.980, 3.899

 19, 14.980, 3.899

 9, 14.980, 3.899

 0, 14.980, 3.899

 69, 14.980, 3.899

 69, 14.980, 3.899

 64, 23.423, 5.200

 74, 6.871, 2.785

59, 32.095, 6.760

80, 0.846, 182.521

54, 40.798, 8.681

85, 8.160, 181.190

50, 49.252, 11.089

91, 15.084,
180.453

47, 57.112, 14.135

96, 20.650,
182.030

44, 64.063, 17.968

42, 69.959, 22.651

96, 19.300,
198.232

41, 75.026, 27.904

41, 75.610, 28.464

Harmonies

Complementary

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



69, 14.980, 3.899



76, 13.940, 180.334

Rectangle

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



69, 14.980, 3.899



69, 14.980, 53.899



69, 14.980, 183.899



69, 14.980, 233.899

Sweetspot

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



69, 14.978, 3.904



96, 5.712, 2.480



69, 22.946, 319.127



51, 3.795, 2.555



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, 14.978, 3.904



85, 22.831, 4.458



71, 11.962, 48.425



38, 4.354, 2.838



33, 64.763, 27.568



3, 14.333, 7.775

Inverse Universe

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



69, 14.978, 3.904



85, 22.831, 4.458



74, 10.708, 230.988



38, 4.354, 2.838



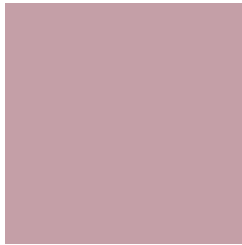
33, 64.763, 27.568



3, 14.333, 7.775

Previews

White Background



This preview shows how the CIELCh color 69, 14.980, 3.899 looks on a white background.

Color Contrast Check

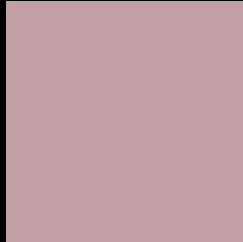
Large Text (above 18pt) WCAG AA × Fail

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, 14.980, 3.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

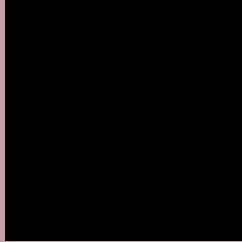
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 14.980, 3.899

Background



This preview shows how black text looks on a background with the CIELCh color 69, 14.980, 3.899.



This preview shows how white text looks on a background with the CIELCh color 69, 14.980, 3.899.

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, 14.980, 3.899

Protanopia

69, 2.486, 317.322

Deuteranopia

69, 9.030, 9.741



Tritanopia
69, 16.571, 355.654

Trichromacy



Original Color
69, 14.980, 3.899

Protanomaly
69, 6.351, 354.395

Deuteranomaly
69, 11.058, 9.023

Tritanomaly
69, 16.373, 357.412

Monochromacy



Original Color
69, 14.980, 3.899

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.226, 1.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 14.980, 3.899 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(196, 159, 167)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 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(196, 159, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 14.980, 3.899 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(196, 159, 167) }
```

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

```
.border{ border-color:rgb(196, 159, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 159, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 159, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 159, 167);  
box-shadow:4px 4px 4px 4px rgb(196, 159,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 14.980, 3.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 167) }
```

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

```
.background{ background-color: rgb(196,  
159, 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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