

Converting Colors

CIELCh(70, 16.080, 34.312)

Have a look what the booklet for
CIELCh(70, 16.080, 34.312) contains.

CIELCh(70, 16.102, 34.315)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 16.102, 34.315)

Conversions

Conversions Part 1

Format	Color
Hex	C9A29B
RGB	201, 162, 155
RGB Percent	79%, 64%, 61%
CMY	0.2108, 0.3638, 0.3912
CMYK	0.00, 0.19, 0.23, 0.21
HSL	9°, 30%, 70%
HSV	9°, 23%, 79%
XYZ	43.0512, 40.7494, 36.7091
YIQ	172.8630, 25.4910, 6.0910

Conversions

Conversions Part 2

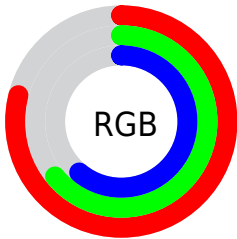
Format	Color
R _Y B	201, 163, 155
Decimal	13214363
CIE Lab	70.00, 13.30, 9.08
CIE LCh	70, 16.102, 34.315
Yxy	40.7494, 0.3572, 0.3381
Android (android.graphics.Color)	4291404443 (0xFFC9A29B)
YUV	172.8630, -8.8065, 24.6761
Hunter-Lab	63.8353, 8.6706, 10.5894

Details

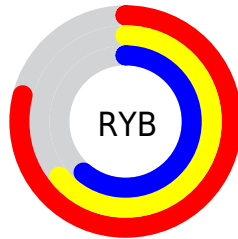
The CIELCh color **70, 16.102, 34.315** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 13.773, 214.458**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.879, 36.418**, and **50, 16.047, 33.604** is the 20% darker color. If you saturate the color by 10%, you get **65, 24.129, 34.696**, and if you desaturate by 10%, it is **75, 8.689, 34.100**.

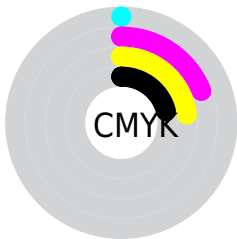
Distribution



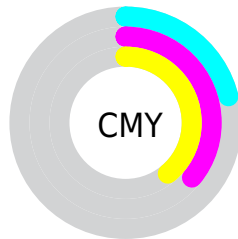
- Red (79%)
- Green (64%)
- Blue (61%)



- Red (79%)
- Yellow (64%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (21%)



- Cyan (21%)
- Magenta (36%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 16.102, 34.315 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 70, 16.102, 34.315 by changing the saturation by 10% instead.

 70, 16.102, 34.315

 70, 16.102, 34.315

 100, 16.102,
34.315

 60, 16.102, 34.315

 90, 16.102, 34.315

 50, 16.102, 34.315

 40, 16.102, 34.315

 30, 16.102, 34.315

 20, 16.102, 34.315

 10, 16.102, 34.315

 0, 16.102, 34.315

 70, 16.102, 34.315

 70, 16.102, 34.315

 65, 24.129, 34.696

 75, 8.689, 34.100

61, 32.784, 35.279

80, 1.856, 33.801

57, 42.034, 36.123

85, 4.448, 214.256

53, 51.770, 37.266

90, 10.278,
214.288

50, 61.762, 38.696

95, 15.612,
212.813

47, 71.519, 40.260

45, 79.956, 41.476

96, 17.720,
198.332

43, 84.694, 42.096

Harmonies

Complementary

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



70, 16.102, 34.315



76, 13.773, 214.458

Rectangle

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



70, 16.102, 34.315



70, 16.102, 84.315



70, 16.102, 214.315



70, 16.102, 264.315

Sweetspot

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



70, 16.101, 34.323



96, 5.595, 33.995



69, 27.236, 330.215



51, 3.644, 34.008



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 16.101, 34.323



84, 23.480, 34.469



76, 17.288, 86.844



39, 3.739, 34.040



35, 72.102, 42.335



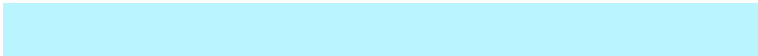
4, 14.514, 28.089

Inverse Universe

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



76, 13.773, 214.458



93, 19.399, 214.602



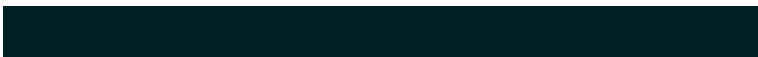
70, 17.120, 273.121



41, 3.522, 214.244



53, 31.209, 224.846



10, 11.386, 217.961

Previews

White Background



This preview shows how the CIELCh color 70, 16.102, 34.315 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 70, 16.102, 34.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

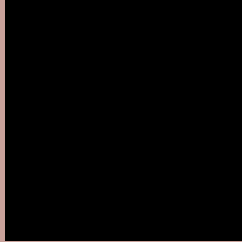
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 16.102, 34.315

Background



This preview shows how black text looks on a background with the CIELCh color 70, 16.102, 34.315.

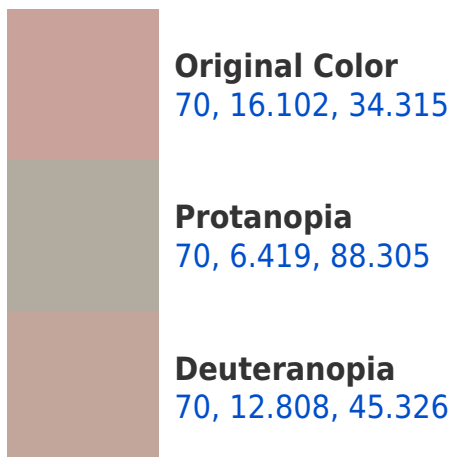



This preview shows how white text looks on a background with the CIELCh color 70, 16.102, 34.315.

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





Tritanopia
70, 17.780, 359.597

Trichromacy



Original Color
70, 16.102, 34.315

Protanomaly
70, 8.938, 57.303

Deuteranomaly
70, 14.096, 40.682

Tritanomaly
70, 16.218, 11.284

Monochromacy



Original Color
70, 16.102, 34.315

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 5.484, 31.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 16.102, 34.315 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(201, 162, 155)` looks like.

```
.text, #text, p{  
    color:rgb(201, 162, 155)  
}
```

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(201, 162, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 162, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 16.102, 34.315 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(201, 162, 155) }
```

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

```
.border{ border-color:rgb(201, 162, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 162, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 162, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 162, 155);  
box-shadow:4px 4px 4px 4px rgb(201, 162,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 16.102, 34.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 162, 155) }
```

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

```
.background{ background-color: rgb(201,  
162, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor