

Converting Colors

CIELCh(70, 15.176, 347.470)

Have a look what the booklet for
CIELCh(70, 15.176, 347.470)
contains.

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Color

CIELCh(70, 15.289, 348.508)

Conversions

Conversions Part 1

Format	Color
Hex	C4A2B1
RGB	196, 162, 177
RGB Percent	77%, 64%, 69%
CMY	0.2314, 0.3647, 0.3059
CMYK	0.00, 0.17, 0.10, 0.23
HSL	334°, 22%, 70%
HSV	334°, 17%, 77%
XYZ	43.6198, 40.7494, 47.1602
YIQ	173.8760, 15.4490, 11.8730

Conversions

Conversions Part 2

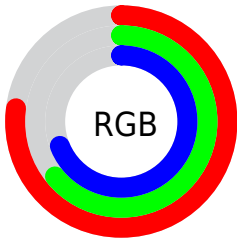
Format	Color
R_{YB}	196, 162, 177
Decimal	12886705
CIE Lab	70.00, 14.98, -3.05
CIE LCh	70, 15.289, 348.508
Yxy	40.7494, 0.3316, 0.3098
Android (android.graphics.Color)	4291076785 (0xFFC4A2B1)
YUV	173.8760, 1.5401, 19.4027
Hunter-Lab	63.8353, 10.2605, 0.8825

Details

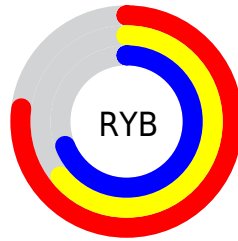
The CIELCh color **70, 15.289, 348.508** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 14.859, 165.419**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.405, 348.022**, and **50, 15.316, 349.217** is the 20% darker color. If you saturate the color by 10%, you get **65, 24.336, 349.598**, and if you desaturate by 10%, it is **75, 6.388, 347.521**.

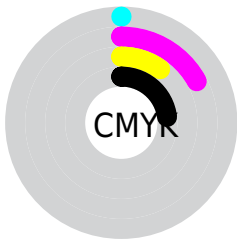
Distribution



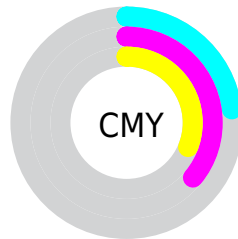
- Red (77%)
- Green (64%)
- Blue (69%)



- Red (77%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 15.289, 348.508 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, 15.289, 348.508 by changing the saturation by 10% instead.


 70, 15.289,
348.508


 70, 15.289,
348.508


 100, 15.289,
348.508


 60, 15.289,
348.508


 90, 15.289,
348.508

 50, 15.289,
348.508

 40, 15.289,
348.508

 30, 15.289,
348.508

 20, 15.289,
348.508

 10, 15.289,
348.508

 0, 15.289, 348.508

70, 15.289,
348.508

70, 15.289,
348.508

65, 24.336,
349.598

75, 6.388, 347.521

60, 33.370,
350.843

81, 2.263, 166.921

56, 42.135,
352.304

86, 10.620,
166.004

52, 50.273,
354.060

91, 18.666,
165.284

48, 57.346,
356.226

96, 23.612,
167.596

45, 62.912,
358.948

96, 20.887,
180.498

43, 66.683, 2.401

96, 19.394,
196.202

42, 68.776, 6.697

96, 19.314,
198.231

Harmonies

Complementary

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



70, 15.289, 348.508



76, 14.859, 165.419

Rectangle

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



70, 15.289, 348.508



70, 15.289, 38.508



70, 15.289, 168.508



70, 15.289, 218.508

Sweetspot

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



70, 15.287, 348.511



97, 5.368, 347.290



69, 19.945, 311.553



51, 3.666, 347.365



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, 15.287, 348.511



86, 23.017, 348.929



70, 12.719, 24.645



38, 4.899, 347.719



34, 59.762, 7.102



3, 15.367, 355.812

Inverse Universe

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



70, 15.287, 348.511



86, 23.017, 348.929



76, 11.342, 203.236



38, 4.899, 347.719



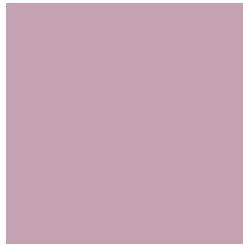
34, 59.762, 7.102



3, 15.367, 355.812

Previews

White Background



This preview shows how the CIELCh color 70, 15.289, 348.508 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, 15.289, 348.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

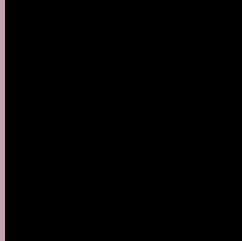
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 15.289, 348.508

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.289, 348.508.



This preview shows how white text looks on a background with the CIELCh color 70, 15.289, 348.508.

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

70, 15.289, 348.508

Protanopia

70, 6.594, 294.024

Deuteranopia

70, 9.354, 344.506



Tritanopia
70, 14.777, 352.148

Trichromacy



Original Color
70, 15.289, 348.508

Protanomaly
70, 8.657, 324.805

Deuteranomaly
70, 11.239, 348.154

Tritanomaly
70, 15.025, 350.296

Monochromacy



Original Color
70, 15.289, 348.508

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.310, 348.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 15.289, 348.508 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, 162, 177)` looks like.

```
.text, #text, p{  
    color:rgb(196, 162, 177)  
}
```

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, 162, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 162, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.289, 348.508 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, 162, 177) }
```

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

```
.border{ border-color:rgb(196, 162, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 162, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 162, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 162, 177);  
box-shadow:4px 4px 4px 4px rgb(196, 162,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.289, 348.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 162, 177) }
```

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

```
.background{ background-color: rgb(196,  
162, 177) }
```

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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