

Converting Colors

CIELCh(70, 15.884, 345.891)

Have a look what the booklet for
CIELCh(70, 15.884, 345.891)
contains.

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Color

CIELCh(70, 15.568, 346.785)

Conversions

Conversions Part 1

Format	Color
Hex	C4A2B2
RGB	196, 162, 178
RGB Percent	77%, 64%, 70%
CMY	0.2317, 0.3650, 0.3023
CMYK	0.00, 0.17, 0.09, 0.23
HSL	332°, 22%, 70%
HSV	332°, 17%, 77%
XYZ	43.6786, 40.7494, 47.6413
YIQ	173.9900, 15.1280, 12.1840

Conversions

Conversions Part 2

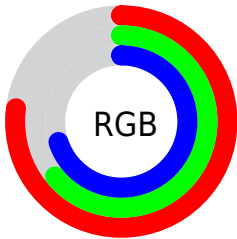
Format	Color
R_{YB}	196, 162, 178
Decimal	12886706
CIE Lab	70.00, 15.16, -3.56
CIE LCh	70, 15.568, 346.785
Yxy	40.7494, 0.3307, 0.3085
Android (android.graphics.Color)	4291076786 (0xFFC4A2B2)
YUV	173.9900, 1.9769, 19.3028
Hunter-Lab	63.8353, 10.4249, 0.4356

Details

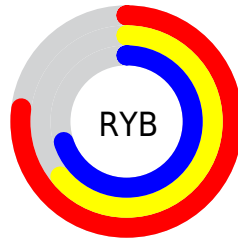
The CIELCh color **70, 15.568, 346.785** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 15.183, 163.763**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.676, 346.408**, and **50, 15.603, 347.363** is the 20% darker color. If you saturate the color by 10%, you get **65, 24.748, 347.837**, and if you desaturate by 10%, it is **75, 6.515, 345.827**.

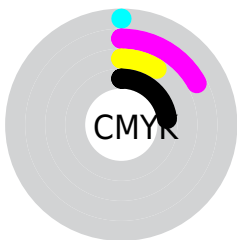
Distribution



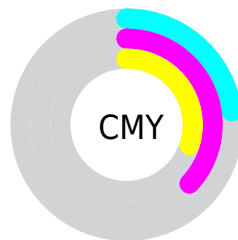
- Red (77%)
- Green (64%)
- Blue (70%)



- Red (77%)
- Yellow (64%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (23%)





- Cyan (23%)
- Magenta (37%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 15.568, 346.785 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, 15.568, 346.785 by changing the saturation by 10% instead.


 70, 15.568,
346.785


 70, 15.568,
346.785


 100, 15.568,
346.785


 60, 15.568,
346.785


 90, 15.568,
346.785

 50, 15.568,
346.785

 40, 15.568,
346.785

 30, 15.568,
346.785

 20, 15.568,
346.785

 10, 15.568,
346.785

 0, 15.568, 346.785

70, 15.568,
346.785

70, 15.568,
346.785

65, 24.748,
347.837

75, 6.515, 345.827

60, 33.889,
349.031

81, 2.304, 165.236

56, 42.726,
350.421

86, 10.837,
164.340

52, 50.894,
352.081

91, 19.065,
163.631

48, 57.944,
354.114

96, 24.226,
165.620

45, 63.422,
356.659

96, 21.451,
177.226

43, 67.025,
359.882

96, 19.699,
191.481

42, 68.853, 3.905

96, 19.338,
198.229

Harmonies

Complementary

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



70, 15.568, 346.785



76, 15.183, 163.763

Rectangle

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



70, 15.568, 346.785



70, 15.568, 36.785



70, 15.568, 166.785



70, 15.568, 216.785

Sweetspot

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



70, 15.566, 346.788



97, 5.473, 345.602



69, 19.813, 310.429



51, 3.737, 345.675



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, 15.566, 346.788



86, 23.427, 347.191



70, 13.127, 21.892



38, 4.993, 346.018



34, 59.818, 4.286



3, 15.586, 354.088

Inverse Universe

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



70, 15.566, 346.788



86, 23.427, 347.191



77, 11.724, 200.050



38, 4.993, 346.018



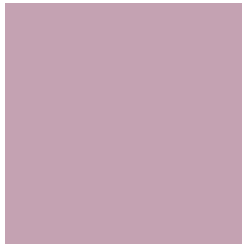
34, 59.818, 4.286



3, 15.586, 354.088

Previews

White Background



This preview shows how the CIELCh color 70, 15.568, 346.785 looks on a white background.

Color Contrast Check

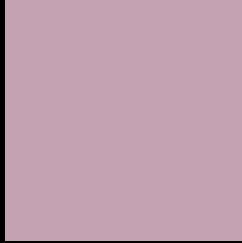
Large Text (above 18pt) WCAG AA × Fail

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, 15.568, 346.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

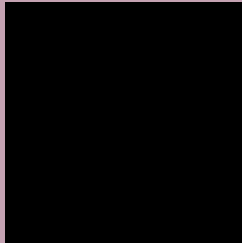
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 15.568, 346.785

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.568, 346.785.



This preview shows how white text looks on a background with the CIELCh color 70, 15.568, 346.785.

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, 15.568, 346.785

Protanopia

70, 7.141, 293.826

Deuteranopia

70, 9.383, 340.380



Tritanopia
70, 14.777, 352.148

Trichromacy



Original Color
70, 15.568, 346.785

Protanomaly
70, 9.112, 322.870

Deuteranomaly
70, 11.217, 344.686

Tritanomaly
70, 15.025, 350.296

Monochromacy



Original Color
70, 15.568, 346.785

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, 15.568, 346.785 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(196, 162, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 162, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.568, 346.785 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, 178) }
```

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

```
.border{ border-color:rgb(196, 162, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 162, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 162, 178);  
box-shadow:4px 4px 4px 4px rgb(196, 162,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.568, 346.785 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, 178) }
```

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

```
.background{ background-color: rgb(196,  
162, 178) }
```

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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