

Converting Colors

CIELCh(70, 17.401, 344.514)

Have a look what the booklet for
CIELCh(70, 17.401, 344.514)
contains.

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Color

CIELCh(70, 17.401, 344.514)

Conversions

Conversions Part 1

Format	Color
Hex	C6A1B4
RGB	198, 161, 180
RGB Percent	78%, 63%, 71%
CMY	0.2238, 0.3689, 0.2944
CMYK	0.00, 0.19, 0.09, 0.22
HSL	329°, 24%, 70%
HSV	329°, 19%, 78%
XYZ	44.2288, 40.7494, 48.6721
YIQ	174.2290, 15.9530, 13.7530

Conversions

Conversions Part 2

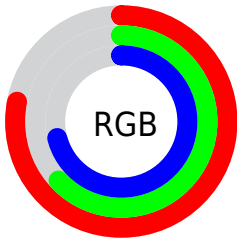
Format	Color
R_{YB}	198, 161, 180
Decimal	13017524
CIE _{Lab}	70.00, 16.77, -4.65
CIE _{LCh}	70, 17.401, 344.514
Yxy	40.7494, 0.3309, 0.3049
Android (android.graphics.Color)	4291207604 (0xFFC6A1B4)
YUV	174.2290, 2.8451, 20.8472
Hunter-Lab	63.8353, 11.9636, -0.5218

Details

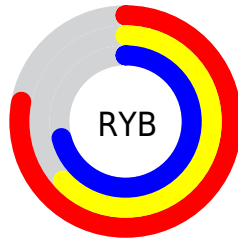
The CIELCh color $70, 17.401, 344.514$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 17.022, 161.342$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 17.429, 344.253$, and $50, 17.533, 344.964$ is the 20% darker color. If you saturate the color by 10%, you get $65, 26.877, 345.524$, and if you desaturate by 10%, it is $75, 8.006, 343.594$.

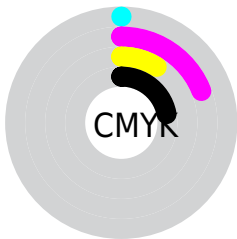
Distribution



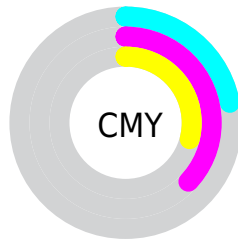
- Red (78%)
- Green (63%)
- Blue (71%)



- Red (78%)
- Yellow (63%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (22%)





- Cyan (22%)
- Magenta (37%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 17.401, 344.514 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, 17.401, 344.514 by changing the saturation by 10% instead.


 70, 17.401,
344.514


 70, 17.401,
344.514


 100, 17.401,
344.514


 60, 17.401,
344.514


 90, 17.401,
344.514

 50, 17.401,
344.514

 40, 17.401,
344.514

 30, 17.401,
344.514

 20, 17.401,
344.514

 10, 17.401,
344.514

 0, 17.401, 344.514

70, 17.401,
344.514

70, 17.401,
344.514

65, 26.877,
345.524

75, 8.006, 343.594

60, 36.248,
346.662

81, 1.182, 163.169

56, 45.219,
347.977

86, 10.099,
162.130

52, 53.397,
349.534

91, 18.719,
161.430

48, 60.308,
351.428

96, 24.227,
163.156

46, 65.491,
353.786

96, 21.453,
173.589

44, 68.652,
356.763

96, 19.507,
186.515

43, 70.012, 0.441

96, 18.734,
198.267

■ 43, 70.167, 0.941

Harmonies

Complementary

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



70, 17.401, 344.514



77, 17.022, 161.342

Rectangle

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



70, 17.401, 344.514



70, 17.401, 34.514



70, 17.401, 164.514



70, 17.401, 214.514

Sweetspot

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



70, 17.399, 344.516



96, 6.769, 343.354



69, 21.427, 309.363



51, 4.493, 343.416



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, 17.399, 344.516



86, 25.229, 344.871



70, 14.550, 19.389



39, 5.249, 343.657



35, 60.894, 0.302



4, 17.992, 352.159

Inverse Universe

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



70, 17.399, 344.516



86, 25.229, 344.871



77, 12.933, 196.988



39, 5.249, 343.657



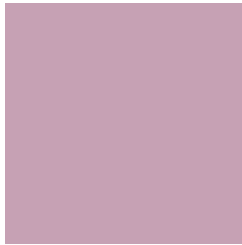
35, 60.894, 0.302



4, 17.992, 352.159

Previews

White Background



This preview shows how the CIELCh color 70, 17.401, 344.514 looks on a white background.

Color Contrast Check

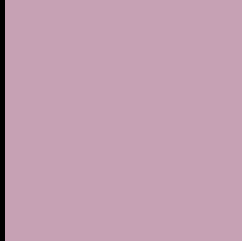
Large Text (above 18pt) WCAG AA × Fail

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, 17.401, 344.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

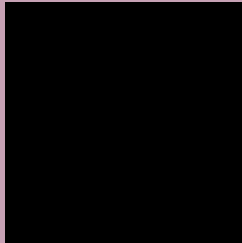
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 17.401, 344.514

Background



This preview shows how black text looks on a background with the CIELCh color 70, 17.401, 344.514.



This preview shows how white text looks on a background with the CIELCh color 70, 17.401, 344.514.

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, 14.892, 354.781

Trichromacy



Original Color
70, 17.401, 344.514

Protanomaly
70, 10.531, 318.121

Deuteranomaly
70, 12.512, 339.610

Tritanomaly
70, 15.357, 351.075

Monochromacy



Original Color
70, 17.401, 344.514

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.544, 344.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 17.401, 344.514 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(198, 161, 180)` looks like.

```
.text, #text, p{  
    color:rgb(198, 161, 180)  
}
```

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(198, 161, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 161, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 17.401, 344.514 is called "border". The border property can be set on classes, ids or directly on the HTML element.

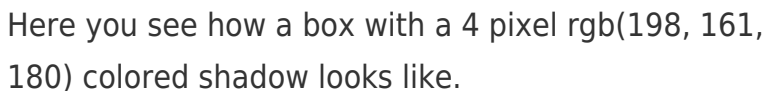
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 161, 180) }
```

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

```
.border{ border-color:rgb(198, 161, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 161, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 161, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 161, 180); box-shadow:4px 4px 4px 4px rgb(198, 161, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 17.401, 344.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 161, 180) }
```

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

```
.background{ background-color: rgb(198,  
161, 180) }
```

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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