

Converting Colors

CIELCh(70, 16.841, 343.383)

Have a look what the booklet for
CIELCh(70, 16.841, 343.383)
contains.

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Color

CIELCh(70, 17.099, 343.705)

Conversions

Conversions Part 1

Format	Color
Hex	C5A1B4
RGB	197, 161, 180
RGB Percent	77%, 63%, 71%
CMY	0.2267, 0.3679, 0.2934
CMYK	0.00, 0.18, 0.09, 0.23
HSL	328°, 24%, 70%
HSV	328°, 18%, 77%
XYZ	44.1066, 40.7494, 48.8169
YIQ	173.9300, 15.3570, 13.5410

Conversions

Conversions Part 2

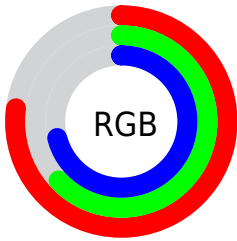
Format	Color
R _Y B	197, 161, 180
Decimal	12951988
CIE Lab	70.00, 16.41, -4.80
CIE LCh	70, 17.099, 343.705
Yxy	40.7494, 0.3300, 0.3048
Android (android.graphics.Color)	4291142068 (0xFFC5A1B4)
YUV	173.9300, 2.9925, 20.2324
Hunter-Lab	63.8353, 11.6219, -0.6563

Details

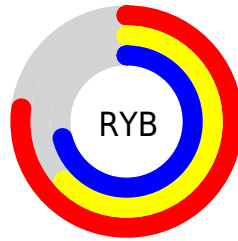
The CIELCh color $70, 17.099, 343.705$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 16.759, 160.656$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 17.141, 343.498$, and $50, 17.213, 344.088$ is the 20% darker color. If you saturate the color by 10%, you get $65, 26.622, 344.691$, and if you desaturate by 10%, it is $75, 7.655, 342.802$.

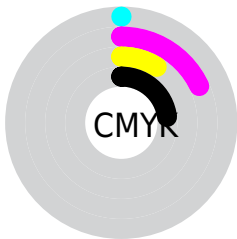
Distribution



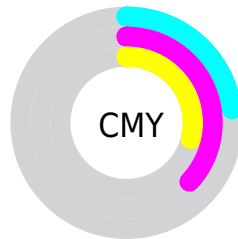
- Red (77%)
- Green (63%)
- Blue (71%)



- Red (77%)
- Yellow (63%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (23%)





- Cyan (23%)
- Magenta (37%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 17.099, 343.705 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, 17.099, 343.705 by changing the saturation by 10% instead.


 70, 17.099,
343.705


 70, 17.099,
343.705


 100, 17.099,
343.705


 60, 17.099,
343.705


 90, 17.099,
343.705

 50, 17.099,
343.705

 40, 17.099,
343.705

 30, 17.099,
343.705

 20, 17.099,
343.705

 10, 17.099,
343.705

 0, 17.099, 343.705

70, 17.099,
343.705

70, 17.099,
343.705

65, 26.622,
344.691

75, 7.655, 342.802

60, 36.039,
345.796

81, 1.584, 162.304

56, 45.059,
347.066

86, 10.556,
161.363

52, 53.288,
348.562

91, 19.231,
160.673

48, 60.255,
350.373

96, 24.852,
162.213

46, 65.492,
352.617

96, 22.084,
171.887


44, 68.688,
355.443

96, 20.043,
183.845

43, 70.005,

96, 18.973,
197.759

358.950

 96, 18.956,
198.253

 43, 70.191,
359.588

Harmonies

Complementary

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



70, 17.099, 343.705



77, 16.759, 160.656

Rectangle

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



70, 17.099, 343.705



70, 17.099, 33.705



70, 17.099, 163.705



70, 17.099, 213.705

Sweetspot

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



70, 17.097, 343.707



97, 5.690, 342.508



69, 20.794, 308.770



51, 3.885, 342.577



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, 17.097, 343.707



86, 25.460, 344.096



70, 14.137, 18.031



39, 5.300, 342.903



35, 61.098, 358.986



4, 18.142, 351.284

Inverse Universe

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



70, 17.097, 343.707



86, 25.460, 344.096



77, 12.651, 195.545



39, 5.300, 342.903



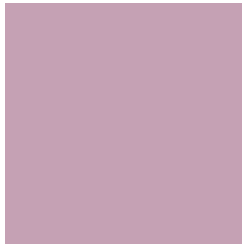
35, 61.098, 358.986



4, 18.142, 351.284

Previews

White Background



This preview shows how the CIELCh color 70, 17.099, 343.705 looks on a white background.

Color Contrast Check

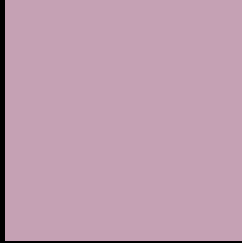
Large Text (above 18pt) WCAG AA × Fail

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, 17.099, 343.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

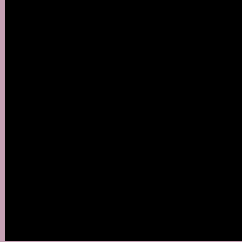
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 17.099, 343.705

Background



This preview shows how black text looks on a background with the CIELCh color 70, 17.099, 343.705.



This preview shows how white text looks on a background with the CIELCh color 70, 17.099, 343.705.

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, 14.777, 352.148

Trichromacy



Original Color
70, 17.099, 343.705

Protanomaly
70, 10.531, 318.121

Deuteranomaly
70, 12.512, 339.610

Tritanomaly
70, 15.289, 348.508

Monochromacy



Original Color
70, 17.099, 343.705

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 6.241, 342.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 17.099, 343.705 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(197, 161, 180)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 161, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 161, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 17.099, 343.705 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(197, 161, 180) }
```

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

```
.border{ border-color:rgb(197, 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(197, 161, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 161, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 161, 180);  
box-shadow:4px 4px 4px 4px rgb(197, 161,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 17.099, 343.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 161, 180) }
```

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

```
.background{ background-color: rgb(197,  
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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