

Converting Colors

CIELCh(70, 18.717, 346.993)

Have a look what the booklet for
CIELCh(70, 18.717, 346.993)
contains.

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Color

CIELCh(70, 18.662, 347.513)

Conversions

Conversions Part 1

Format	Color
Hex	C9A0B3
RGB	201, 160, 179
RGB Percent	79%, 63%, 70%
CMY	0.2123, 0.3730, 0.2985
CMYK	0.00, 0.20, 0.11, 0.21
HSL	332°, 27%, 71%
HSV	332°, 20%, 79%
XYZ	44.7277, 40.7494, 48.0909
YIQ	174.4250, 18.3370, 14.6010

Conversions

Conversions Part 2

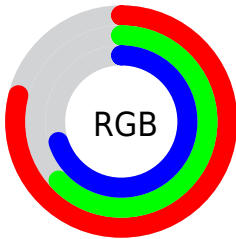
Format	Color
R _Y B	201, 160, 179
Decimal	13213875
CIE Lab	70.00, 18.22, -4.04
CIE LCh	70, 18.662, 347.513
Yxy	40.7494, 0.3349, 0.3051
Android (android.graphics.Color)	4291403955 (0xFFC9A0B3)
YUV	174.4250, 2.2555, 23.3063
Hunter-Lab	63.8353, 13.3585, 0.0180

Details

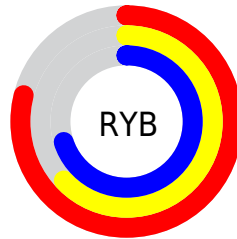
The CIELCh color $70, 18.662, 347.513$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 18.104, 163.853$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 17.734, 344.991$, and $50, 18.876, 348.214$ is the 20% darker color. If you saturate the color by 10%, you get $65, 28.007, 348.617$, and if you desaturate by 10%, it is $75, 9.406, 346.527$.

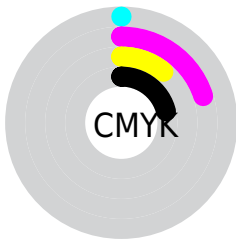
Distribution



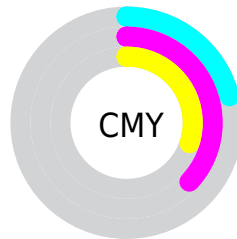
- Red (79%)
- Green (63%)
- Blue (70%)



- Red (79%)
- Yellow (63%)
- Blue (70%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (21%)





- Cyan (21%)
- Magenta (37%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 18.662, 347.513 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, 18.662, 347.513 by changing the saturation by 10% instead.


 70, 18.662,
347.513


 70, 18.662,
347.513


 100, 18.662,
347.513


 60, 18.662,
347.513


 90, 18.662,
347.513

 50, 18.662,
347.513

 40, 18.662,
347.513

 30, 18.662,
347.513

 20, 18.662,
347.513

 10, 18.662,
347.513

 0, 18.662, 347.513

70, 18.662,
347.513

70, 18.662,
347.513

65, 28.007,
348.617

75, 9.406, 346.527

60, 37.247,
349.881

81, 0.368, 344.565

56, 46.079,
351.368

86, 8.388, 164.974

52, 54.101,
353.161

92, 16.834,
164.234

48, 60.842,
355.379

96, 21.965,
166.779

46, 65.870,
358.174

96, 19.268,
180.428

44, 68.967, 1.715

96, 17.869,
197.218

43, 70.545, 5.807

96, 17.834,
198.325

Harmonies

Complementary

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



70, 18.662, 347.513



78, 18.104, 163.853

Rectangle

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



70, 18.662, 347.513



70, 18.662, 37.513



70, 18.662, 167.513



70, 18.662, 217.513

Sweetspot

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



70, 18.660, 347.515



96, 6.545, 346.110



69, 23.953, 311.143



51, 4.345, 346.176



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, 18.660, 347.515



85, 26.728, 347.932



70, 15.698, 23.490



39, 5.078, 346.429



35, 60.484, 5.033



4, 17.523, 355.193

Inverse Universe

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



70, 18.660, 347.515



85, 26.728, 347.932



78, 13.703, 201.500



39, 5.078, 346.429



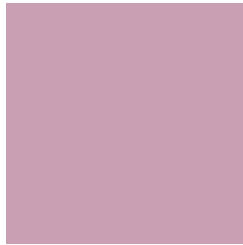
35, 60.484, 5.033



4, 17.523, 355.193

Previews

White Background



This preview shows how the CIELCh color 70, 18.662, 347.513 looks on a white background.

Color Contrast Check

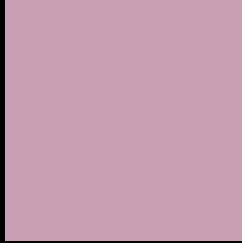
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 18.662, 347.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

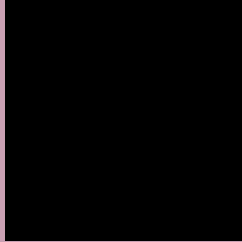
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 18.662, 347.513

Background



This preview shows how black text looks on a background with the CIELCh color 70, 18.662, 347.513.



This preview shows how white text looks on a background with the CIELCh color 70, 18.662, 347.513.

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, 18.662, 347.513

Protanopia
70, 8.221, 291.002

Deuteranopia
70, 9.736, 337.902



Tritanopia
70, 16.319, 357.379

Trichromacy



Original Color
70, 18.662, 347.513

Protanomaly
70, 10.902, 321.632

Deuteranomaly
70, 12.769, 343.815

Tritanomaly
70, 16.730, 353.909

Monochromacy



Original Color
70, 18.662, 347.513

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.855, 346.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 18.662, 347.513 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, 160, 179)` looks like.

```
.text, #text, p{  
    color:rgb(201, 160, 179)  
}
```

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, 160, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 160, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 18.662, 347.513 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, 160, 179) }
```

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

```
.border{ border-color:rgb(201, 160, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 160, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 160, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 160, 179);  
box-shadow:4px 4px 4px 4px rgb(201, 160,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 18.662, 347.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 160, 179) }
```

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

```
.background{ background-color: rgb(201,  
160, 179) }
```

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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