

Converting Colors

CIELCh(70, 20.356, 337.079)

Have a look what the booklet for
CIELCh(70, 20.356, 337.079)
contains.

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Color

CIELCh(70, 20.336, 337.072)

Conversions

Conversions Part 1

Format	Color
Hex	C7A0BA
RGB	199, 160, 186
RGB Percent	78%, 63%, 73%
CMY	0.2202, 0.3731, 0.2712
CMYK	0.00, 0.20, 0.07, 0.22
HSL	320°, 26%, 70%
HSV	320°, 20%, 78%
XYZ	44.9035, 40.7494, 51.8679
YIQ	174.6250, 14.8980, 16.3540

Conversions

Conversions Part 2

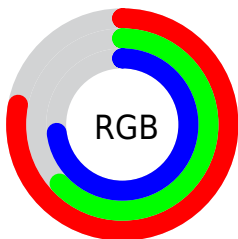
Format	Color
R_{YB}	199, 160, 186
Decimal	13082810
CIE Lab	70.00, 18.73, -7.92
CIE LCh	70, 20.336, 337.072
Yxy	40.7494, 0.3265, 0.2963
Android (android.graphics.Color)	4291272890 (0xFFC7A0BA)
YUV	174.6250, 5.6079, 21.3769
Hunter-Lab	63.8353, 13.8500, -3.4900

Details

The CIELCh color $70, 20.336, 337.072$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 20.133, 154.173$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 19.983, 336.425$, and $50, 20.618, 337.097$ is the 20% darker color. If you saturate the color by 10%, you get $65, 30.764, 337.885$, and if you desaturate by 10%, it is $75, 9.898, 336.306$.

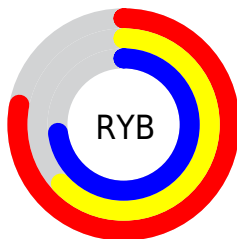
Distribution



Red (78%)

Green (63%)

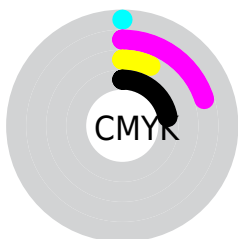
Blue (73%)



Red (78%)

Yellow (63%)

Blue (73%)

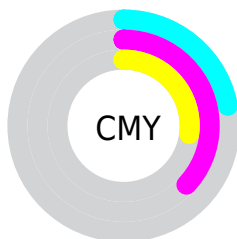


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 20.336, 337.072 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, 20.336, 337.072 by changing the saturation by 10% instead.


 70, 20.336,
337.072


 70, 20.336,
337.072


 100, 20.336,
337.072


 60, 20.336,
337.072


 90, 20.336,
337.072

 50, 20.336,
337.072

 40, 20.336,
337.072

 30, 20.336,
337.072

 20, 20.336,
337.072

 10, 20.336,
337.072

 0, 20.336, 337.072

70, 20.336,
337.072

70, 20.336,
337.072

65, 30.764,
337.885

75, 9.898, 336.306

60, 40.955,
338.763

80, 0.392, 156.528

56, 50.572,
339.727

86, 10.445,
155.019

52, 59.178,
340.808

91, 20.215,
154.388

49, 66.268,
342.052

95, 27.139,
154.990

47, 71.358,
343.525

96, 24.790,
160.485

45, 74.142,
345.314

96, 22.683,
167.022

44, 74.907,

96, 20.896,
174.746

347.461

■ 96, 19.520,
183.699

■ 44, 74.928,
347.548

Harmonies

Complementary

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



70, 20.336, 337.072



77, 20.133, 154.173

Rectangle

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



70, 20.336, 337.072



70, 20.336, 27.072



70, 20.336, 157.072



70, 20.336, 207.072

Sweetspot

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



70, 20.334, 337.073



96, 7.542, 336.034



68, 22.078, 304.215



51, 5.005, 336.086



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, 20.334, 337.073



85, 30.507, 337.451



69, 15.562, 7.741



39, 5.842, 336.289



36, 64.890, 347.177



4, 20.004, 342.637

Inverse Universe

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



70, 20.334, 337.073



85, 30.507, 337.451



77, 14.268, 184.150



39, 5.842, 336.289



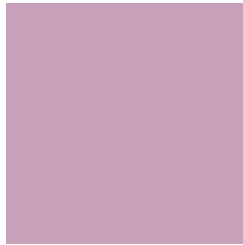
36, 64.890, 347.177



4, 20.004, 342.637

Previews

White Background



This preview shows how the CIELCh color 70, 20.336, 337.072 looks on a white background.

Color Contrast Check

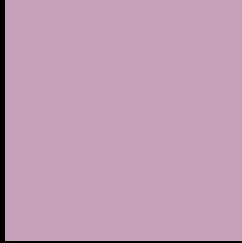
Large Text (above 18pt) WCAG AA × Fail

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, 20.336, 337.072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

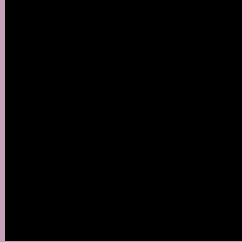
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 20.336, 337.072

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.336, 337.072.



This preview shows how white text looks on a background with the CIELCh color 70, 20.336, 337.072.

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, 20.336, 337.072

Protanopia

70, 12.062, 287.996

Deuteranopia

70, 12.027, 320.503



Tritanopia
70, 14.892, 354.781

Trichromacy



Original Color
70, 20.336, 337.072

Protanomaly
70, 14.051, 311.050

Deuteranomaly
70, 14.594, 328.769

Tritanomaly
70, 16.818, 347.567

Monochromacy



Original Color
70, 20.336, 337.072

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.230, 337.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 20.336, 337.072 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(199, 160, 186)` looks like.

```
.text, #text, p{  
    color:rgb(199, 160, 186)  
}
```

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(199, 160, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 160, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.336, 337.072 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(199, 160, 186) }
```

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

```
.border{ border-color:rgb(199, 160, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 160, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 160, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 160, 186);  
box-shadow:4px 4px 4px 4px rgb(199, 160,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.336, 337.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 160, 186) }
```

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

```
.background{ background-color: rgb(199,  
160, 186) }
```

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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