

Converting Colors

CIELCh(71, 20.334, 338.584)

Have a look what the booklet for
CIELCh(71, 20.334, 338.584)
contains.

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Color

CIELCh(71, 20.562, 337.832)

Conversions

Conversions Part 1

Format	Color
Hex	CAA2BC
RGB	202, 162, 188
RGB Percent	79%, 64%, 74%
CMY	0.2066, 0.3635, 0.2616
CMYK	0.00, 0.20, 0.07, 0.21
HSL	321°, 28%, 71%
HSV	321°, 20%, 79%
XYZ	46.5218, 42.1875, 53.4378
YIQ	176.9240, 15.4940, 16.5660

Conversions

Conversions Part 2

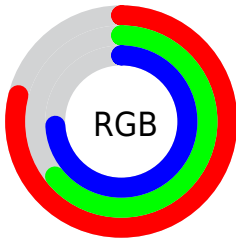
Format	Color
R _{YB}	202, 162, 188
Decimal	13279932
CIE Lab	71.00, 19.04, -7.76
CIE LCh	71, 20.562, 337.832
Yxy	42.1875, 0.3273, 0.2968
Android (android.graphics.Color)	4291470012 (0xFFCAA2BC)
YUV	176.9240, 5.4605, 21.9917
Hunter-Lab	64.9519, 14.1847, -3.3133

Details

The CIELCh color $71, 20.562, 337.832$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 20.333, 154.854$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 19.456, 334.876$, and $51, 20.842, 337.906$ is the 20% darker color. If you saturate the color by 10%, you get $66, 31.023, 338.668$, and if you desaturate by 10%, it is $76, 10.094, 337.049$.

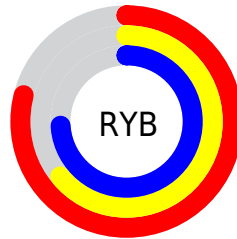
Distribution



Red (79%)

Green (64%)

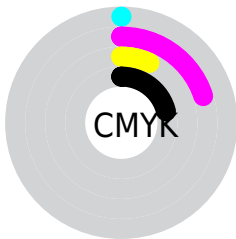
Blue (74%)



Red (79%)

Yellow (64%)

Blue (74%)

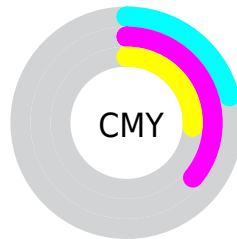


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (21%)



Cyan (21%)


Magenta (36%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 20.562, 337.832 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 71, 20.562, 337.832 by changing the saturation by 10% instead.


 71, 20.562,
337.832


 71, 20.562,
337.832


 100, 20.562,
337.832


 61, 20.562,
337.832


 91, 20.562,
337.832

 51, 20.562,
337.832

 41, 20.562,
337.832

 31, 20.562,
337.832

 21, 20.562,
337.832

 11, 20.562,
337.832

 1, 20.562, 337.832

0, 20.562, 337.832

71, 20.562,
337.832

71, 20.562,
337.832

66, 31.023,
338.668

76, 10.094,
337.049

61, 41.247,
339.576

82, 0.221, 157.988

57, 50.894,
340.580

87, 10.295,
155.739

53, 59.520,
341.716

92, 20.081,
155.098

50, 66.612,
343.035

96, 24.562,
157.217

47, 71.681,
344.611

96, 22.177,
164.022

■ 46, 74.425,
346.538

■ 96, 20.139,
172.281

■ 45, 75.157,
348.860

■ 96, 18.569,
182.118

■ 45, 75.169,
348.914

■ 96, 17.596,
193.366

Harmonies

Complementary

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



71, 20.562, 337.832



78, 20.333, 154.854

Rectangle

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



71, 20.562, 337.832



71, 20.562, 27.832



71, 20.562, 157.832



71, 20.562, 207.832

Sweetspot

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



71, 20.560, 337.833



96, 7.452, 336.757



69, 22.639, 304.812



51, 4.946, 336.811



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 20.560, 337.833



85, 30.159, 338.205



70, 15.870, 9.046



40, 5.895, 337.019



36, 65.000, 348.516



4, 21.874, 343.894

Inverse Universe

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



71, 20.560, 337.833



85, 30.159, 338.205



79, 14.478, 185.486



40, 5.895, 337.019



36, 65.000, 348.516



4, 21.874, 343.894

Previews

White Background



This preview shows how the CIELCh color 71, 20.562, 337.832 looks on a white background.

Color Contrast Check

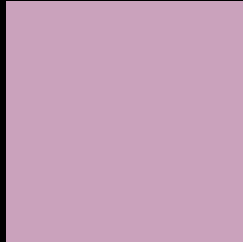
Large Text (above 18pt) WCAG AA × Fail

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 71, 20.562, 337.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

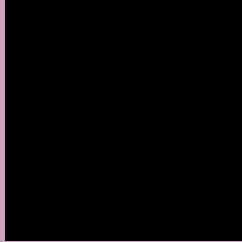
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 20.562, 337.832

Background



This preview shows how black text looks on a background with the CIELCh color 71, 20.562, 337.832.



This preview shows how white text looks on a background with the CIELCh color 71, 20.562, 337.832.

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


71, 20.562, 337.832

Protanopia

71, 12.023, 287.974

Deuteranopia

71, 11.522, 321.838



Tritanopia
71, 15.769, 354.290

Trichromacy



Original Color
71, 20.562, 337.832

Protanomaly
71, 14.007, 311.042

Deuteranomaly
71, 14.131, 330.128

Tritanomaly
71, 17.380, 346.766

Monochromacy



Original Color
71, 20.562, 337.832

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 7.207, 337.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 20.562, 337.832 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(202, 162, 188)` looks like.

```
.text, #text, p{  
    color:rgb(202, 162, 188)  
}
```

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(202, 162, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 162, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 20.562, 337.832 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(202, 162, 188) }
```

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

```
.border{ border-color:rgb(202, 162, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 162, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 162, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 162, 188);  
box-shadow:4px 4px 4px 4px rgb(202, 162,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 20.562, 337.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 162, 188) }
```

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

```
.background{ background-color: rgb(202,  
162, 188) }
```

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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