

Converting Colors

CIELCh(71, 18.618, 334.034)

Have a look what the booklet for
CIELCh(71, 18.618, 334.034)
contains.

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Color

CIELCh(71, 18.600, 334.028)

Conversions

Conversions Part 1

Format	Color
Hex	C6A4BD
RGB	198, 164, 189
RGB Percent	78%, 64%, 74%
CMY	0.2238, 0.3572, 0.2591
CMYK	0.00, 0.17, 0.05, 0.22
HSL	316°, 23%, 71%
HSV	316°, 17%, 78%
XYZ	45.7047, 42.1875, 53.8320
YIQ	177.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

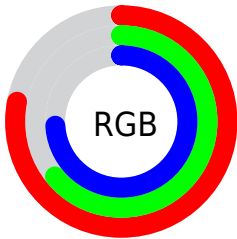
Format	Color
R_{YB}	198, 164, 189
Decimal	13018301
CIE _{Lab}	71.00, 16.72, -8.15
CIE _{LCh}	71, 18.600, 334.028
Yxy	42.1875, 0.3225, 0.2977
Android (android.graphics.Color)	4291208381 (0xFFC6A4BD)
YUV	177.0160, 5.9081, 18.4030
Hunter-Lab	64.9519, 11.9392, -3.6731

Details

The CIELCh color $71, 18.600, 334.028$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 18.490, 151.682$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 18.577, 334.346$, and $51, 18.788, 333.770$ is the 20% darker color. If you saturate the color by 10%, you get $66, 29.491, 334.753$, and if you desaturate by 10%, it is $76, 7.720, 333.324$.

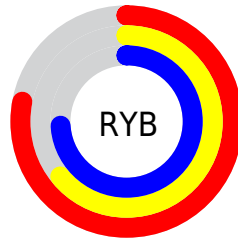
Distribution



Red (78%)

Green (64%)

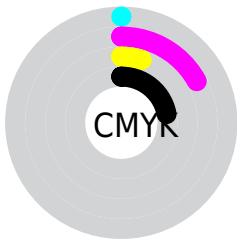
Blue (74%)



Red (78%)

Yellow (64%)

Blue (74%)

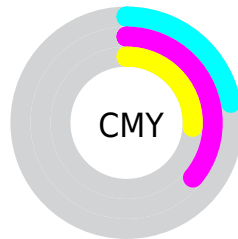


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 18.600, 334.028 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, 18.600, 334.028 by changing the saturation by 10% instead.


 71, 18.600,
334.028


 71, 18.600,
334.028


 100, 18.600,
334.028


 61, 18.600,
334.028


 91, 18.600,
334.028

 51, 18.600,
334.028

 41, 18.600,
334.028

 31, 18.600,
334.028

 21, 18.600,
334.028

 11, 18.600,
334.028

 1, 18.600, 334.028

0, 18.600, 334.028

71, 18.600,
334.028

71, 18.600,
334.028

66, 29.491,
334.753

76, 7.720, 333.324

81, 2.997, 152.830

61, 40.177,
335.516

87, 13.468,
152.135

57, 50.336,
336.326

92, 23.647,
151.547

53, 59.547,
337.200

95, 28.818,
152.608

50, 67.312,
338.161

95, 26.869,
156.456

47, 73.131,
339.246

96, 25.040,

■ 46, 76.642,
340.509

160.860

■ 45, 77.846,
342.004

■ 96, 23.362,
165.902

■ 44, 78.008,
342.450

■ 96, 21.871,
171.654

Harmonies

Complementary

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



71, 18.600, 334.028



77, 18.490, 151.682

Rectangle

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



71, 18.600, 334.028



71, 18.600, 24.028



71, 18.600, 154.028



71, 18.600, 204.028

Sweetspot

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



71, 18.598, 334.029



97, 6.598, 333.168



69, 18.999, 301.081



51, 4.504, 333.222



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, 18.598, 334.029



87, 27.975, 334.325



71, 13.848, 1.209



39, 6.136, 333.481



36, 67.776, 342.194



4, 21.201, 338.478

Inverse Universe

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



71, 18.598, 334.029



87, 27.975, 334.325



77, 13.063, 177.957



39, 6.136, 333.481



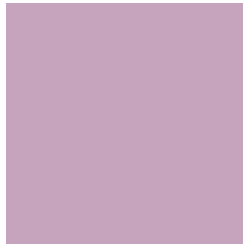
36, 67.776, 342.194



4, 21.201, 338.478

Previews

White Background



This preview shows how the CIELCh color 71, 18.600, 334.028 looks on a white background.

Color Contrast Check

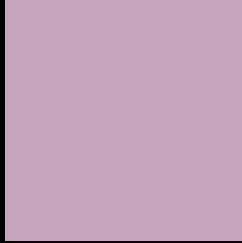
Large Text (above 18pt) WCAG AA × Fail

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, 18.600, 334.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

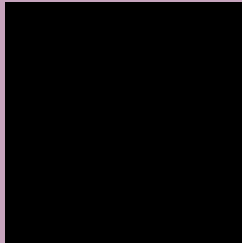
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 18.600, 334.028

Background



This preview shows how black text looks on a background with the CIELCh color 71, 18.600, 334.028.



This preview shows how white text looks on a background with the CIELCh color 71, 18.600, 334.028.

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, 18.600, 334.028

Protanopia

71, 11.479, 287.752

Deuteranopia

71, 11.813, 318.918



Tritanopia
71, 13.392, 348.770

Trichromacy



Original Color
71, 18.600, 334.028

Protanomaly
71, 12.726, 309.573

Deuteranomaly
71, 14.112, 326.308

Tritanomaly
71, 15.528, 341.714

Monochromacy



Original Color
71, 18.600, 334.028

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.938, 335.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 18.600, 334.028 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, 164, 189)` looks like.

```
.text, #text, p{  
    color:rgb(198, 164, 189)  
}
```

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, 164, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 164, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 18.600, 334.028 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, 164, 189) }
```

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

```
.border{ border-color:rgb(198, 164, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 164, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 164, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 164, 189);  
box-shadow:4px 4px 4px 4px rgb(198, 164,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 18.600, 334.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 164, 189) }
```

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

```
.background{ background-color: rgb(198,  
164, 189) }
```

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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