

Converting Colors

CIELCh(71, 13.084, 347.844)

Have a look what the booklet for
CIELCh(71, 13.084, 347.844)
contains.

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Color

CIELCh(71, 13.070, 347.837)

Conversions

Conversions Part 1

Format	Color
Hex	C3A6B3
RGB	195, 166, 179
RGB Percent	76%, 65%, 70%
CMY	0.2349, 0.3486, 0.2976
CMYK	0.00, 0.15, 0.08, 0.23
HSL	333°, 19%, 71%
HSV	333°, 15%, 77%
XYZ	44.3377, 42.1875, 48.5116
YIQ	176.1530, 13.1110, 10.1910

Conversions

Conversions Part 2

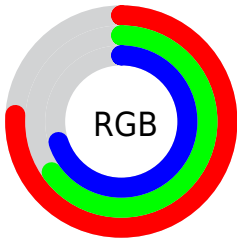
Format	Color
R _Y B	195, 166, 179
Decimal	12822195
CIE Lab	71.00, 12.78, -2.75
CIE LCh	71, 13.070, 347.837
Yxy	42.1875, 0.3283, 0.3124
Android (android.graphics.Color)	4291012275 (0xFFC3A6B3)
YUV	176.1530, 1.4036, 16.5288
Hunter-Lab	64.9519, 8.1825, 1.1835

Details

The CIELCh color $71, 13.070, 347.837$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 12.762, 165.257$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 13.301, 347.407$, and $51, 12.946, 348.449$ is the 20% darker color. If you saturate the color by 10%, you get $66, 22.091, 348.888$, and if you desaturate by 10%, it is $76, 4.219, 346.855$.

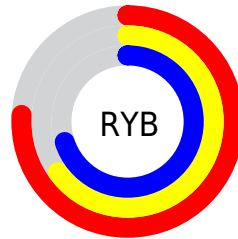
Distribution



Red (76%)

Green (65%)

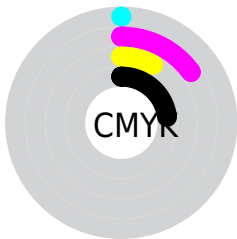
Blue (70%)



Red (76%)

Yellow (65%)

Blue (70%)

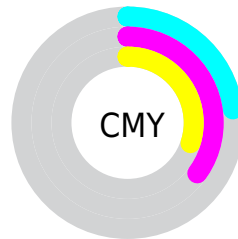


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (23%)



Cyan (23%)


Magenta (35%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 13.070, 347.837 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, 13.070, 347.837 by changing the saturation by 10% instead.


 71, 13.070,
347.837


 71, 13.070,
347.837


 100, 13.070,
347.837


 61, 13.070,
347.837


 91, 13.070,
347.837

 51, 13.070,
347.837

 41, 13.070,
347.837

 31, 13.070,
347.837

 21, 13.070,
347.837

 11, 13.070,
347.837

 1, 13.070, 347.837

■ 0, 13.070, 347.837

■ 71, 13.070,
347.837

■ 71, 13.070,
347.837

■ 66, 22.091,
348.888

■ 76, 4.219, 346.855

■ 82, 4.371, 166.223

■ 61, 31.143,
350.077

■ 87, 12.664,
165.411

■ 56, 39.991,
351.461

■ 92, 20.647,
164.713

■ 52, 48.303,
353.113

■ 96, 23.520,
169.142

■ 49, 55.655,
355.134

■ 96, 20.960,
181.998

■ 46, 61.594,
357.661

■ 96, 19.610,

■ 44, 65.774, 0.862 197.416

■ 42, 68.141, 4.898 ■ 96, 19.581,
198.214

■ 42, 69.023, 7.185

Harmonies

Complementary

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



71, 13.070, 347.837



76, 12.762, 165.257

Rectangle

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



71, 13.070, 347.837



71, 13.070, 37.837



71, 13.070, 167.837



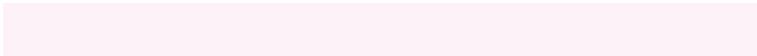
71, 13.070, 217.837

Sweetspot

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



71, 13.068, 347.841



96, 4.274, 346.766



70, 16.974, 311.436



52, 3.065, 346.851



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, 13.068, 347.841



87, 19.587, 348.185



71, 10.750, 24.479



38, 4.921, 347.304



34, 59.760, 6.423



3, 15.417, 355.400

Inverse Universe

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



71, 13.068, 347.841



87, 19.587, 348.185



76, 9.755, 203.318



38, 4.921, 347.304



34, 59.760, 6.423



3, 15.417, 355.400

Previews

White Background



This preview shows how the CIELCh color 71, 13.070, 347.837 looks on a white background.

Color Contrast Check

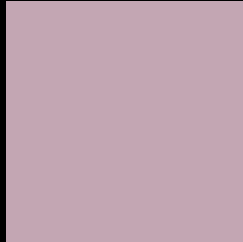
Large Text (above 18pt) WCAG AA × Fail

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, 13.070, 347.837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

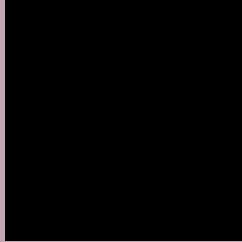
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 13.070, 347.837

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.070, 347.837.



This preview shows how white text looks on a background with the CIELCh color 71, 13.070, 347.837.

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, 13.070, 347.837

Protanopia

71, 5.484, 294.562

Deuteranopia

71, 9.325, 344.491



Tritanopia
71, 13.070, 347.837

Trichromacy



Original Color
71, 13.070, 347.837

Protanomaly
71, 7.972, 324.769

Deuteranomaly
71, 10.569, 345.834

Tritanomaly
71, 13.070, 347.837

Monochromacy



Original Color
71, 13.070, 347.837

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 4.978, 346.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.070, 347.837 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(195, 166, 179)` looks like.

```
.text, #text, p{  
    color:rgb(195, 166, 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(195, 166, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 166, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.070, 347.837 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(195, 166, 179) }
```

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

```
.border{ border-color:rgb(195, 166, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 166, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 166, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 166, 179);  
box-shadow:4px 4px 4px 4px rgb(195, 166,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.070, 347.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 166, 179) }
```

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

```
.background{ background-color: rgb(195,  
166, 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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