

Converting Colors

CIELCh(71, 18.322, 345.476)

Have a look what the booklet for
CIELCh(71, 18.322, 345.476)
contains.

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Color

CIELCh(71, 18.275, 344.614)

Conversions

Conversions Part 1

Format	Color
Hex	CAA3B7
RGB	202, 163, 183
RGB Percent	79%, 64%, 72%
CMY	0.2077, 0.3606, 0.2822
CMYK	0.00, 0.19, 0.09, 0.21
HSL	329°, 27%, 72%
HSV	329°, 19%, 79%
XYZ	46.0199, 42.1875, 50.5351
YIQ	176.9410, 16.8240, 14.4880

Conversions

Conversions Part 2

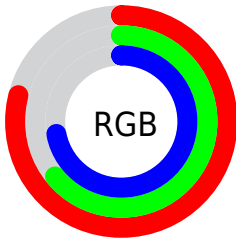
Format	Color
R _Y B	202, 163, 183
Decimal	13280183
CIE Lab	71.00, 17.62, -4.85
CIE LCh	71, 18.275, 344.614
Yxy	42.1875, 0.3317, 0.3041
Android (android.graphics.Color)	4291470263 (0xFFCAA3B7)
YUV	176.9410, 2.9871, 21.9767
Hunter-Lab	64.9519, 12.8055, -0.6636

Details

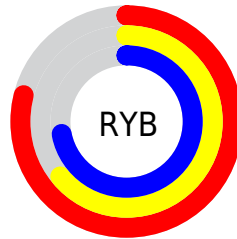
The CIELCh color $71, 18.275, 344.614$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 17.863, 161.317$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 17.140, 341.327$, and $51, 18.442, 345.081$ is the 20% darker color. If you saturate the color by 10%, you get $66, 27.907, 345.634$, and if you desaturate by 10%, it is $76, 8.716, 343.689$.

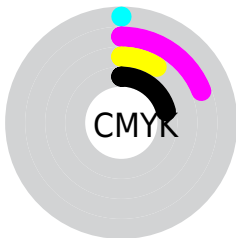
Distribution



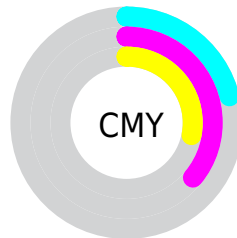
- Red (79%)
- Green (64%)
- Blue (72%)



- Red (79%)
- Yellow (64%)
- Blue (72%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (21%)





- Cyan (21%)
- Magenta (36%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 18.275, 344.614 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, 18.275, 344.614 by changing the saturation by 10% instead.


 71, 18.275,
344.614


 71, 18.275,
344.614


 100, 18.275,
344.614


 61, 18.275,
344.614


 91, 18.275,
344.614

 51, 18.275,
344.614

 41, 18.275,
344.614

 31, 18.275,
344.614

 21, 18.275,
344.614

 11, 18.275,
344.614

 1, 18.275, 344.614

■ 0, 18.275, 344.614

■ 71, 18.275,
344.614

■ 71, 18.275,
344.614

■ 66, 27.907,
345.634

■ 76, 8.716, 343.689

■ 82, 0.638, 163.552

■ 61, 37.416,
346.785

■ 87, 9.719, 162.212

■ 57, 46.496,
348.117

■ 93, 18.497,
161.506

■ 53, 54.738,
349.698

■ 96, 21.801,
165.715

■ 49, 61.657,
351.626

■ 96, 19.220,
178.037

■ 47, 66.789,
354.031

■ 96, 17.690,
193.216

■ 45, 69.854,
357.069

■ 97, 17.478,
198.347

■ 44, 71.153, 0.802

■ 44, 71.235, 1.071

Harmonies

Complementary

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



71, 18.275, 344.614



78, 17.863, 161.317

Rectangle

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



71, 18.275, 344.614



71, 18.275, 34.614



71, 18.275, 164.614



71, 18.275, 214.614

Sweetspot

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



71, 18.273, 344.616



96, 6.766, 343.392



70, 22.521, 309.396



51, 4.491, 343.454



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, 18.273, 344.616



85, 26.383, 345.011



70, 15.316, 19.450



40, 5.357, 343.698



35, 61.577, 0.424



4, 20.050, 352.730

Inverse Universe

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



71, 18.273, 344.616



85, 26.383, 345.011



79, 13.555, 196.952



40, 5.357, 343.698



35, 61.577, 0.424



4, 20.050, 352.730

Previews

White Background



This preview shows how the CIELCh color 71, 18.275, 344.614 looks on a white background.

Color Contrast Check

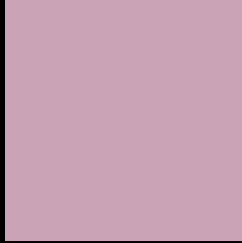
Large Text (above 18pt) WCAG AA × Fail

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, 18.275, 344.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

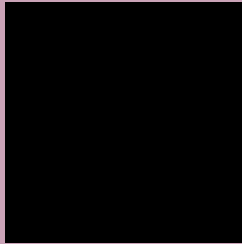
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 18.275, 344.614

Background



This preview shows how black text looks on a background with the CIELCh color 71, 18.275, 344.614.

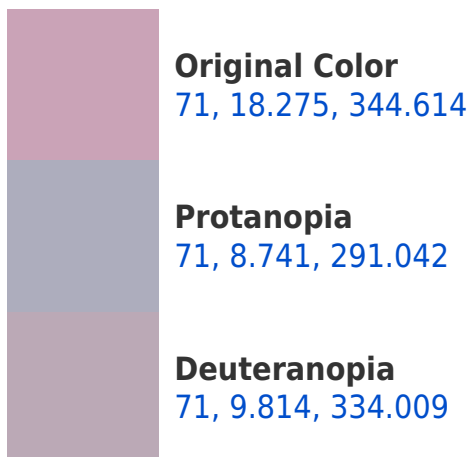



This preview shows how white text looks on a background with the CIELCh color 71, 18.275, 344.614.

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





Tritanopia
71, 15.769, 354.290

Trichromacy



Original Color
71, 18.275, 344.614

Protanomaly
71, 11.337, 320.213

Deuteranomaly
71, 12.473, 339.594

Tritanomaly
71, 16.238, 350.808

Monochromacy



Original Color
71, 18.275, 344.614

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.523, 344.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 18.275, 344.614 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, 163, 183)` looks like.

```
.text, #text, p{  
    color:rgb(202, 163, 183)  
}
```

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, 163, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 163, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 18.275, 344.614 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, 163, 183) }
```

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

```
.border{ border-color:rgb(202, 163, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 163, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 163, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 163, 183);  
box-shadow:4px 4px 4px 4px rgb(202, 163,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 18.275, 344.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 163, 183) }
```

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

```
.background{ background-color: rgb(202,  
163, 183) }
```

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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