

Converting Colors

CIELCh(71, 17.475, 358.558)

Have a look what the booklet for
CIELCh(71, 17.475, 358.558)
contains.

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Color

CIELCh(71, 17.359, 359.042)

Conversions

Conversions Part 1

Format	Color
Hex	CDA3AF
RGB	205, 163, 175
RGB Percent	80%, 64%, 69%
CMY	0.1967, 0.3613, 0.3143
CMYK	0.00, 0.20, 0.15, 0.20
HSL	343°, 30%, 72%
HSV	343°, 20%, 80%
XYZ	45.9273, 42.1875, 46.2022
YIQ	176.9260, 21.1800, 12.6360

Conversions

Conversions Part 2

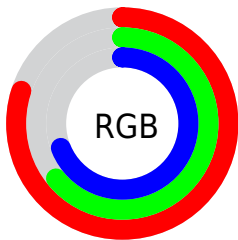
Format	Color
R_{YB}	205, 163, 175
Decimal	13476783
CIE Lab	71.00, 17.36, -0.29
CIE LCh	71, 17.359, 359.042
Yxy	42.1875, 0.3419, 0.3141
Android (android.graphics.Color)	4291666863 (0xFFCDA3AF)
YUV	176.9260, -0.9495, 24.6209
Hunter-Lab	64.9519, 12.5511, 3.2916

Details

The CIELCh color $71, 17.359, 359.042$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 16.307, 175.038$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 14.780, 355.693$, and $51, 17.381, 358.110$ is the 20% darker color. If you saturate the color by 10%, you get $66, 26.257, 0.356$, and if you desaturate by 10%, it is $76, 8.713, 357.911$.

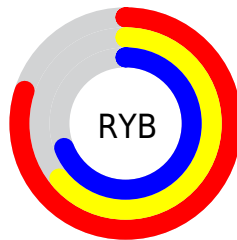
Distribution



Red (80%)

Green (64%)

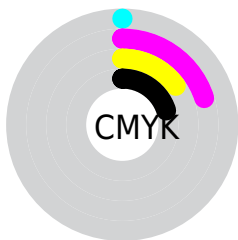
Blue (69%)



Red (80%)

Yellow (64%)

Blue (69%)

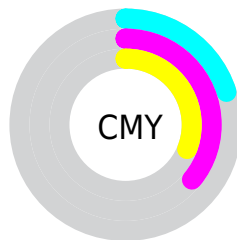


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (20%)



Cyan (20%)


Magenta (36%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 17.359, 359.042 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, 17.359, 359.042 by changing the saturation by 10% instead.


 71, 17.359,
359.042


 71, 17.359,
359.042


 100, 17.359,
359.042


 61, 17.359,
359.042


 91, 17.359,
359.042

 51, 17.359,
359.042

 41, 17.359,
359.042

 31, 17.359,
359.042

 21, 17.359,
359.042

 11, 17.359,
359.042

 1, 17.359, 359.042

0, 17.359, 359.042

71, 17.359,
359.042

71, 17.359,
359.042

66, 26.257, 0.356

76, 8.713, 357.911

61, 35.260, 1.920

82, 0.409, 355.806

56, 44.119, 3.829

88, 7.523, 176.231

52, 52.493, 6.210

93, 15.078,
175.448

48, 59.984, 9.218

97, 17.288,
186.353

46, 66.252, 13.024

44, 71.186, 17.739

97, 16.611,
198.403

43, 75.069, 22.834

Harmonies

Complementary

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



71, 17.359, 359.042



79, 16.307, 175.038

Rectangle

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



71, 17.359, 359.042



71, 17.359, 49.042



71, 17.359, 179.042



71, 17.359, 229.042

Sweetspot

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



71, 17.357, 359.046



96, 5.894, 357.429



71, 25.335, 316.597



51, 3.915, 357.503



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, 17.357, 359.046



84, 25.504, 359.651



73, 14.056, 39.164



40, 4.681, 357.792



35, 63.784, 21.884



4, 18.493, 5.606

Inverse Universe

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



71, 17.357, 359.046



84, 25.504, 359.651



77, 12.280, 220.275



40, 4.681, 357.792



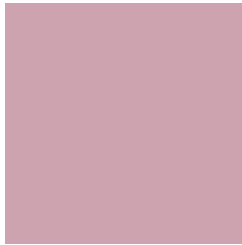
35, 63.784, 21.884



4, 18.493, 5.606

Previews

White Background



This preview shows how the CIELCh color 71, 17.359, 359.042 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 CIELCh color 71, 17.359, 359.042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

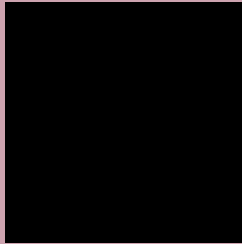
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 17.359, 359.042

Background



This preview shows how black text looks on a background with the CIELCh color 71, 17.359, 359.042.



This preview shows how white text looks on a background with the CIELCh color 71, 17.359, 359.042.

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, 17.359, 359.042

Protanopia

71, 4.446, 300.177

Deuteranopia

71, 9.367, 359.840



Tritanopia
71, 17.359, 359.042

Trichromacy



Original Color
71, 17.359, 359.042

Protanomaly
71, 8.432, 339.836

Deuteranomaly
71, 12.276, 359.788

Tritanomaly
71, 17.359, 359.042

Monochromacy



Original Color
71, 17.359, 359.042

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.094, 358.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 17.359, 359.042 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(205, 163, 175)` looks like.

```
.text, #text, p{  
    color:rgb(205, 163, 175)  
}
```

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(205, 163, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 163, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 17.359, 359.042 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(205, 163, 175) }
```

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

```
.border{ border-color:rgb(205, 163, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 163, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 163, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 163, 175);  
box-shadow:4px 4px 4px 4px rgb(205, 163,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 17.359, 359.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 163, 175) }
```

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

```
.background{ background-color: rgb(205,  
163, 175) }
```

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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