

Converting Colors

CIELCh(71, 17.018, 357.387)

Have a look what the booklet for
CIELCh(71, 17.018, 357.387)
contains.

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Color

CIELCh(71, 17.184, 356.804)

Conversions

Conversions Part 1

Format	Color
Hex	CCA3B0
RGB	204, 163, 176
RGB Percent	80%, 64%, 69%
CMY	0.1998, 0.3606, 0.3096
CMYK	0.00, 0.20, 0.14, 0.20
HSL	341°, 29%, 72%
HSV	341°, 20%, 80%
XYZ	45.8574, 42.1875, 46.8208
YIQ	176.7410, 20.2630, 12.7350

Conversions

Conversions Part 2

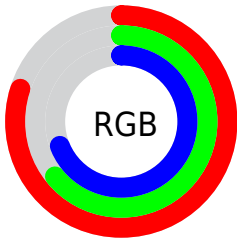
Format	Color
R_{YB}	204, 163, 176
Decimal	13411248
CIE _{Lab}	71.00, 17.16, -0.96
CIE _{LCh}	71, 17.184, 356.804
Yxy	42.1875, 0.3400, 0.3128
Android (android.graphics.Color)	4291601328 (0xFFCCA3B0)
YUV	176.7410, -0.3653, 23.9061
Hunter-Lab	64.9519, 12.3588, 2.7269

Details

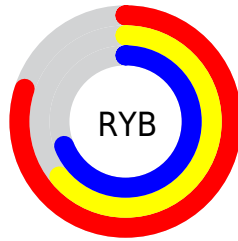
The CIELCh color $71, 17.184, 356.804$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 16.270, 172.906$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 15.211, 352.123$, and $51, 17.203, 355.682$ is the 20% darker color. If you saturate the color by 10%, you get $66, 26.117, 358.084$, and if you desaturate by 10%, it is $76, 8.474, 355.693$.

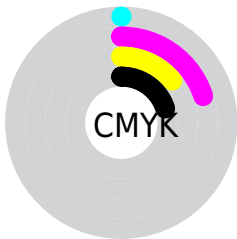
Distribution



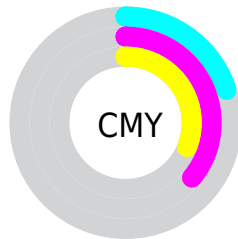
- Red (80%)
- Green (64%)
- Blue (69%)



- Red (80%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (20%)





- Cyan (20%)
- Magenta (36%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 17.184, 356.804 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, 17.184, 356.804 by changing the saturation by 10% instead.


 71, 17.184,
356.804


 71, 17.184,
356.804


 100, 17.184,
356.804


 61, 17.184,
356.804


 91, 17.184,
356.804

 51, 17.184,
356.804

 41, 17.184,
356.804

 31, 17.184,
356.804

 21, 17.184,
356.804

 11, 17.184,
356.804

 1, 17.184, 356.804

0, 17.184, 356.804

71, 17.184,
356.804

71, 17.184,
356.804

66, 26.117,
358.084

76, 8.474, 355.693

61, 35.120,
359.596

82, 0.082, 348.925

88, 7.957, 174.025

56, 43.937, 1.430

93, 15.633,
173.247

52, 52.218, 3.705

96, 17.906,
182.851

49, 59.550, 6.573

46, 65.571, 10.209

97, 16.859,
198.387

44, 70.144, 14.752

Harmonies

Complementary

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



71, 17.184, 356.804



79, 16.270, 172.906

Rectangle

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



71, 17.184, 356.804



71, 17.184, 46.804



71, 17.184, 176.804



71, 17.184, 226.804

Sweetspot

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



71, 17.182, 356.808



96, 5.990, 355.260



71, 24.556, 315.514



51, 3.978, 355.333



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, 17.182, 356.808



84, 24.762, 357.323



72, 14.003, 35.700



40, 4.755, 355.619



35, 62.878, 19.053



4, 18.626, 4.040

Inverse Universe

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



71, 17.182, 356.808



84, 24.762, 357.323



77, 12.237, 216.121



40, 4.755, 355.619



35, 62.878, 19.053



4, 18.626, 4.040

Previews

White Background



This preview shows how the CIELCh color 71, 17.184, 356.804 looks on a white background.

Color Contrast Check

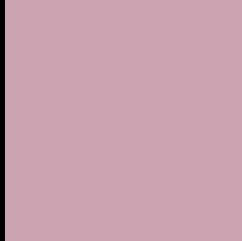
Large Text (above 18pt) WCAG AA × Fail

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, 17.184, 356.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

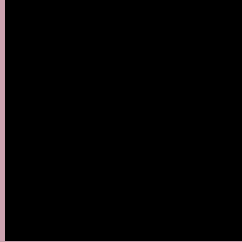
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 17.184, 356.804

Background



This preview shows how black text looks on a background with the CIELCh color 71, 17.184, 356.804.



This preview shows how white text looks on a background with the CIELCh color 71, 17.184, 356.804.

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, 17.184, 356.804

Protanopia

71, 4.985, 299.168

Deuteranopia

71, 8.638, 357.962



Tritanopia

71, 17.184, 356.804

Trichromacy



Original Color
71, 17.184, 356.804

Protanomaly
71, 8.790, 337.121

Deuteranomaly
71, 11.541, 358.326

Tritanomaly
71, 17.184, 356.804

Monochromacy



Original Color
71, 17.184, 356.804

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.303, 354.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 17.184, 356.804 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(204, 163, 176)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 176)  
}
```

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(204, 163, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 17.184, 356.804 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(204, 163, 176) }
```

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

```
.border{ border-color:rgb(204, 163, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 163, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 163, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 163, 176);  
box-shadow:4px 4px 4px 4px rgb(204, 163,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 17.184, 356.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 163, 176) }
```

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

```
.background{ background-color: rgb(204,  
163, 176) }
```

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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