

Converting Colors

CIELCh(71, 13.678, 2.382)

Have a look what the booklet for
CIELCh(71, 13.678, 2.382) contains.

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Color

CIELCh(71, 13.759, 2.276)

Conversions

Conversions Part 1

Format	Color
Hex	C7A5AD
RGB	199, 165, 173
RGB Percent	78%, 65%, 68%
CMY	0.2187, 0.3521, 0.3207
CMYK	0.00, 0.17, 0.13, 0.22
HSL	346°, 23%, 71%
HSV	346°, 17%, 78%
XYZ	44.6718, 42.1875, 45.4349
YIQ	176.0780, 17.6960, 9.6960

Conversions

Conversions Part 2

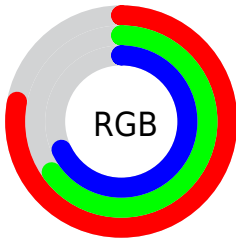
Format	Color
RYB	199, 165, 173
Decimal	13084077
CIELab	71.00, 13.75, 0.55
CIELCh	71, 13.759, 2.276
Yxy	42.1875, 0.3377, 0.3189
Android (android.graphics.Color)	4291274157 (0xFFC7A5AD)
YUV	176.0780, -1.5175, 20.1026
Hunter-Lab	64.9519, 9.1006, 3.9921

Details

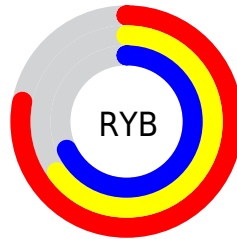
The CIELCh color $71, 13.759, 2.276$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 12.944, 179.067$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 13.385, 2.413$, and $51, 13.935, 1.733$ is the 20% darker color. If you saturate the color by 10%, you get $66, 22.286, 3.539$, and if you desaturate by 10%, it is $76, 5.564, 1.174$.

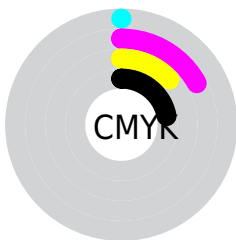
Distribution



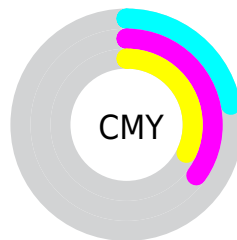
- Red (78%)
- Green (65%)
- Blue (68%)



- Red (78%)
- Yellow (65%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (22%)



- Cyan (22%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 13.759, 2.276 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, 13.759, 2.276 by changing the saturation by 10% instead.

■ 71, 13.759, 2.276

■ 71, 13.759, 2.276

■ 100, 13.759, 2.276

■ 61, 13.759, 2.276

■ 91, 13.759, 2.276

■ 51, 13.759, 2.276

■ 41, 13.759, 2.276

■ 31, 13.759, 2.276

■ 21, 13.759, 2.276

■ 11, 13.759, 2.276

■ 1, 13.759, 2.276

■ 0, 13.759, 2.276

■ 71, 13.759, 2.276

■ 71, 13.759, 2.276

66, 22.286, 3.539

76, 5.564, 1.174

61, 31.043, 5.039

82, 2.243, 180.577

56, 39.840, 6.875

88, 9.655, 179.612

52, 48.398, 9.163

93, 16.682,
178.886

48, 56.364, 12.054

96, 18.825,
189.443

45, 63.396, 15.706

43, 69.304, 20.225

96, 18.337,
198.293

42, 74.211, 25.499

42, 75.646, 27.014

Harmonies

Complementary

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



71, 13.759, 2.276



78, 12.944, 179.067

Rectangle

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



71, 13.759, 2.276



71, 13.759, 52.276



71, 13.759, 182.276



71, 13.759, 232.276

Sweetspot

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



71, 13.757, 2.282



97, 4.786, 0.947



71, 20.820, 318.017



51, 3.271, 1.030



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, 13.757, 2.282



87, 19.838, 2.665



73, 11.007, 44.696



39, 4.483, 1.426



34, 64.800, 26.116



4, 16.286, 7.406

Inverse Universe

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



71, 13.757, 2.282



87, 19.838, 2.665



76, 9.914, 226.473



39, 4.483, 1.426



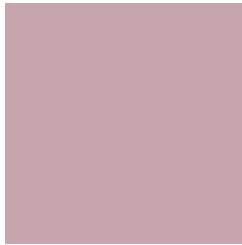
34, 64.800, 26.116



4, 16.286, 7.406

Previews

White Background



This preview shows how the CIELCh color 71, 13.759, 2.276 looks on a white background.

Color Contrast Check

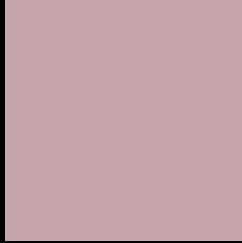
Large Text (above 18pt) WCAG AA × Fail

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, 13.759, 2.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

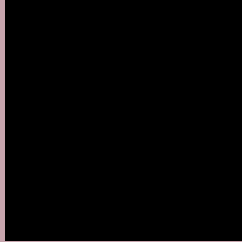
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 13.759, 2.276

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.759, 2.276.



This preview shows how white text looks on a background with the CIELCh color 71, 13.759, 2.276.

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, 13.759, 2.276

Protanopia

71, 2.969, 312.551

Deuteranopia

71, 9.206, 3.033



Tritanopia

71, 14.844, 354.753

Trichromacy



Original Color
71, 13.759, 2.276

Protanomaly
71, 6.238, 348.288

Deuteranomaly
71, 10.845, 2.881

Tritanomaly
71, 14.638, 356.691

Monochromacy



Original Color
71, 13.759, 2.276

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 4.837, 0.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.759, 2.276 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(199, 165, 173)` looks like.

```
.text, #text, p{  
    color:rgb(199, 165, 173)  
}
```

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(199, 165, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 165, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.759, 2.276 is called "border". The border property can be set on classes, ids or directly on the HTML element.

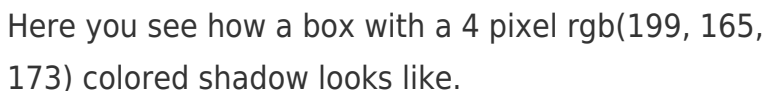
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 165, 173) }
```

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

```
.border{ border-color:rgb(199, 165, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 165, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 165, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 165, 173); box-shadow:4px 4px 4px 4px rgb(199, 165, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.759, 2.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 165, 173) }
```

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

```
.background{ background-color: rgb(199,  
165, 173) }
```

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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