

Converting Colors

CIELCh(71, 22.879, 2.330)

Have a look what the booklet for
CIELCh(71, 22.879, 2.330) contains.

CIELCh(71, 22.879, 2.330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 22.879, 2.330)

Conversions

Conversions Part 1

Format	Color
Hex	D79FAD
RGB	215, 159, 173
RGB Percent	84%, 62%, 68%
CMY	0.1574, 0.3770, 0.3221
CMYK	0.00, 0.26, 0.20, 0.16
HSL	345°, 41%, 73%
HSV	345°, 26%, 84%
XYZ	47.8872, 42.1875, 45.0858
YIQ	177.3400, 28.8820, 16.2260

Conversions

Conversions Part 2

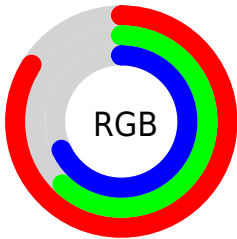
Format	Color
R _Y B	215, 159, 173
Decimal	14131117
CIE Lab	71.00, 22.86, 0.93
CIE LCh	71, 22.879, 2.330
Yxy	42.1875, 0.3543, 0.3121
Android (android.graphics.Color)	4292321197 (0xFFD79FAD)
YUV	177.3400, -2.1396, 33.0278
Hunter-Lab	64.9519, 17.9372, 4.3107

Details

The CIELCh color $71, 22.879, 2.330$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $82, 20.880, 177.037$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 16.567, 354.713$, and $51, 22.836, 1.774$ is the 20% darker color. If you saturate the color by 10%, you get $66, 32.181, 3.809$, and if you desaturate by 10%, it is $77, 13.809, 1.092$.

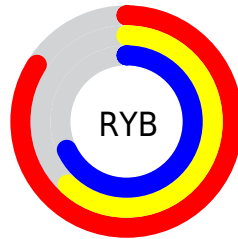
Distribution



Red (84%)

Green (62%)

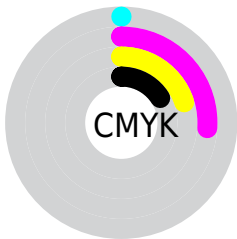
Blue (68%)



Red (84%)

Yellow (62%)

Blue (68%)

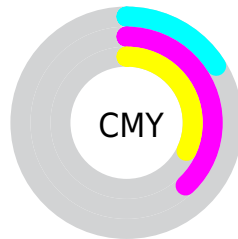


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (16%)



Cyan (16%)

Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 22.879, 2.330 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, 22.879, 2.330 by changing the saturation by 10% instead.

 71, 22.879, 2.330

 71, 22.879, 2.330

 100, 22.879, 2.330

 61, 22.879, 2.330

 91, 22.879, 2.330

 51, 22.879, 2.330

 41, 22.879, 2.330

 31, 22.879, 2.330

 21, 22.879, 2.330

 11, 22.879, 2.330

 1, 22.879, 2.330

 0, 22.879, 2.330

 71, 22.879, 2.330

 71, 22.879, 2.330

66, 32.181, 3.809

77, 13.809, 1.092

61, 41.521, 5.607

82, 5.091, 359.983

56, 50.599, 7.843

88, 3.224, 179.343

52, 59.033, 10.666

94, 11.126,
178.434

49, 66.441, 14.242

97, 13.539,
195.208

47, 72.600, 18.696

46, 77.600, 23.986

97, 13.458,
198.608

45, 79.503, 26.097

Harmonies

Complementary

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



71, 22.879, 2.330



82, 20.880, 177.037

Rectangle

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



71, 22.879, 2.330



71, 22.879, 52.330



71, 22.879, 182.330



71, 22.879, 232.330

Sweetspot

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



71, 22.877, 2.334



95, 7.762, 0.207



71, 34.005, 318.419



50, 5.536, 0.373



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, 22.877, 2.334



80, 31.565, 3.073



74, 18.539, 44.457



42, 4.795, 0.353



36, 66.554, 25.115



5, 22.144, 8.654

Inverse Universe

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



71, 22.877, 2.334



80, 31.565, 3.073



78, 15.671, 227.232



42, 4.795, 0.353



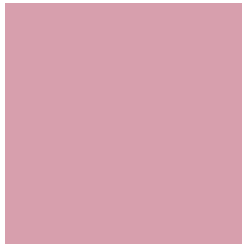
36, 66.554, 25.115



5, 22.144, 8.654

Previews

White Background



This preview shows how the CIELCh color 71, 22.879, 2.330 looks on a white background.

Color Contrast Check

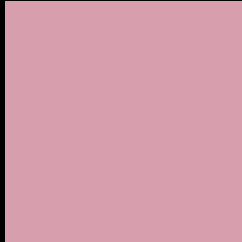
Large Text (above 18pt) WCAG AA × Fail

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, 22.879, 2.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

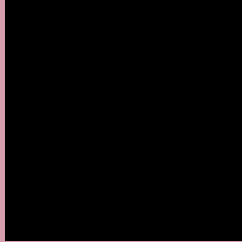
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 22.879, 2.330

Background



This preview shows how black text looks on a background with the CIELCh color 71, 22.879, 2.330.

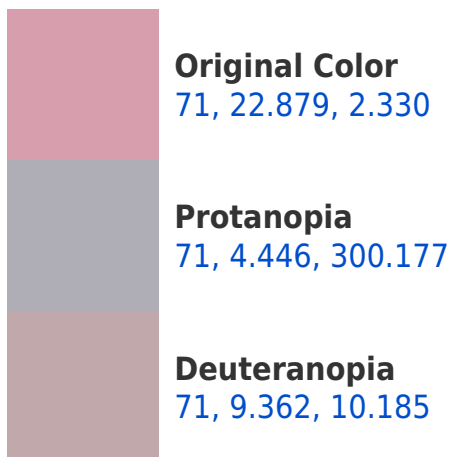


This preview shows how white text looks on a background with the CIELCh color 71, 22.879, 2.330.

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, 22.641, 4.970

Trichromacy



Original Color
71, 22.879, 2.330

Protanomaly
71, 9.645, 345.862

Deuteranomaly
71, 14.000, 4.957

Tritanomaly
71, 22.753, 3.643

Monochromacy



Original Color
71, 22.879, 2.330

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 8.451, 1.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 22.879, 2.330 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(215, 159, 173)` looks like.

```
.text, #text, p{  
    color:rgb(215, 159, 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(215, 159, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 159, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 22.879, 2.330 is called "border". The border property can be set on classes, ids or directly on the HTML element.

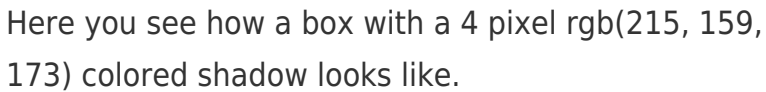
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 159, 173) }
```

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

```
.border{ border-color:rgb(215, 159, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 159, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 159, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 159, 173);  
box-shadow:4px 4px 4px 4px rgb(215, 159,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 22.879, 2.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 159, 173) }
```

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

```
.background{ background-color: rgb(215,  
159, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor