

Converting Colors

CIELCh(73, 17.620, 49.972)

Have a look what the booklet for
CIELCh(73, 17.620, 49.972) contains.

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Color

CIELCh(73, 17.671, 49.561)

Conversions

Conversions Part 1

Format	Color
Hex	D1AB9B
RGB	209, 171, 155
RGB Percent	82%, 67%, 61%
CMY	0.1795, 0.3286, 0.3914
CMYK	0.00, 0.18, 0.26, 0.18
HSL	18°, 37%, 71%
HSV	18°, 26%, 82%
XYZ	46.8913, 45.1644, 37.3460
YIQ	180.5380, 27.7840, 3.0800

Conversions

Conversions Part 2

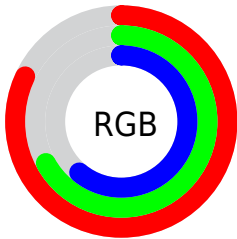
Format	Color
R_{YB}	209, 178, 155
Decimal	13740955
CIE _{Lab}	73.00, 11.46, 13.45
CIE _{LCh}	73, 17.671, 49.561
Yxy	45.1644, 0.3624, 0.3490
Android (android.graphics.Color)	4291931035 (0xFFD1AB9B)
YUV	180.5380, -12.5902, 24.9612
Hunter-Lab	67.2044, 6.9391, 14.0952

Details

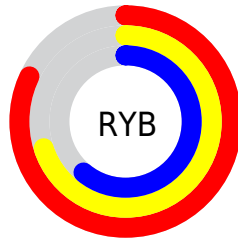
The CIELCh color **73, 17.671, 49.561** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 15.153, 233.494**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 14.010, 58.484**, and **53, 17.703, 49.694** is the 20% darker color. If you saturate the color by 10%, you get **69, 25.495, 49.135**, and if you desaturate by 10%, it is **77, 10.415, 50.083**.

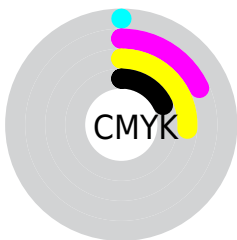
Distribution



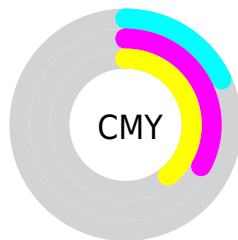
- Red (82%)
- Green (67%)
- Blue (61%)



- Red (82%)
- Yellow (70%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (18%)



- Cyan (18%)
- Magenta (33%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 17.671, 49.561 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 73, 17.671, 49.561 by changing the saturation by 10% instead.

 73, 17.671, 49.561

 73, 17.671, 49.561

 100, 17.671,
49.561

 63, 17.671, 49.561

 93, 17.671, 49.561

 53, 17.671, 49.561

 43, 17.671, 49.561

 33, 17.671, 49.561

 23, 17.671, 49.561

 13, 17.671, 49.561

 3, 17.671, 49.561

 0, 17.671, 49.561

 73, 17.671, 49.561

 73, 17.671, 49.561

69, 25.495, 49.135

77, 10.415, 50.083

65, 33.912, 48.809

81, 3.687, 50.594

61, 42.905, 48.607

86, 2.565, 231.592

58, 52.378, 48.518

90, 8.394, 232.132

55, 62.066, 48.470

94, 12.813,
222.995

52, 71.358, 48.243

97, 15.245,
198.491

49, 79.024, 47.355

48, 81.851, 46.980

Harmonies

Complementary

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



73, 17.671, 49.561



76, 15.153, 233.494

Rectangle

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



73, 17.671, 49.561



73, 17.671, 99.561



73, 17.671, 229.561



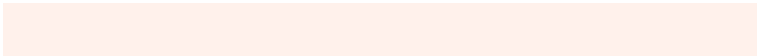
73, 17.671, 279.561

Sweetspot

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



73, 17.670, 49.570



96, 6.007, 50.493



70, 28.934, 335.422



51, 4.294, 50.416



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 17.670, 49.570



85, 25.460, 49.317



80, 22.869, 96.341



42, 3.645, 50.427



39, 69.218, 47.484



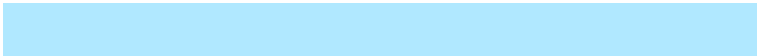
7, 16.890, 37.019

Inverse Universe

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



76, 15.153, 233.494



89, 21.021, 234.215



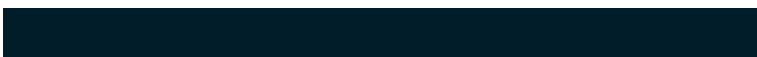
69, 23.461, 282.951



42, 3.465, 231.888



47, 35.557, 255.052



9, 12.647, 243.599

Previews

White Background



This preview shows how the CIELCh color 73, 17.671, 49.561 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 73, 17.671, 49.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

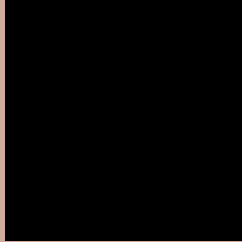
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 17.671, 49.561

Background



This preview shows how black text looks on a background with the CIELCh color 73, 17.671, 49.561.



This preview shows how white text looks on a background with the CIELCh color 73, 17.671, 49.561.

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

73, 17.671, 49.561

Protanopia

73, 11.243, 92.921

Deuteranopia

73, 16.199, 56.870



Tritanopia
73, 17.988, 0.004

Trichromacy



Original Color
73, 17.671, 49.561

Protanomaly
73, 12.323, 71.632

Deuteranomaly
73, 16.898, 53.050

Tritanomaly
73, 16.382, 17.080

Monochromacy



Original Color
73, 17.671, 49.561

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 5.997, 46.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 17.671, 49.561 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(209, 171, 155)` looks like.

```
.text, #text, p{  
    color:rgb(209, 171, 155)  
}
```

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(209, 171, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 171, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 17.671, 49.561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

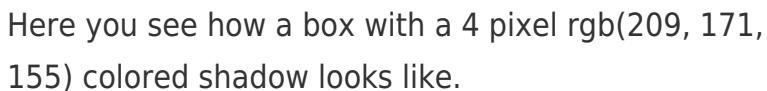
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 171, 155) }
```

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

```
.border{ border-color:rgb(209, 171, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 171, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 171, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 171, 155);  
box-shadow:4px 4px 4px 4px rgb(209, 171,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 17.671, 49.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 171, 155) }
```

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

```
.background{ background-color: rgb(209,  
171, 155) }
```

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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