

Converting Colors

CIELCh(73, 7.369, 40.983)

Have a look what the booklet for
CIELCh(73, 7.369, 40.983) contains.

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Color

CIELCh(73, 7.071, 42.261)

Conversions

Conversions Part 1

Format	Color
Hex	C1B0AB
RGB	193, 176, 171
RGB Percent	76%, 69%, 67%
CMY	0.2443, 0.3109, 0.3305
CMYK	0.00, 0.09, 0.11, 0.24
HSL	14°, 15%, 71%
HSV	14°, 11%, 76%
XYZ	44.7082, 45.1644, 44.7447
YIQ	180.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

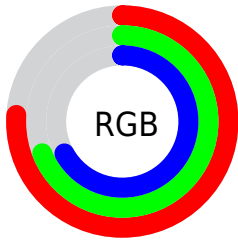
Format	Color
RYB	193, 177, 171
Decimal	12693675
CIELab	73.00, 5.23, 4.76
CIElCh	73, 7.071, 42.261
Yxy	45.1644, 0.3321, 0.3355
Android (android.graphics.Color)	4290883755 (0xFFC1B0AB)
YUV	180.5130, -4.6899, 10.9511
Hunter-Lab	67.2044, 1.1406, 7.5679

Details

The CIELCh color $73, 7.071, 42.261$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 6.596, 223.271$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 7.229, 44.922$, and $53, 6.834, 44.790$ is the 20% darker color. If you saturate the color by 10%, you get $69, 13.815, 42.099$, and if you desaturate by 10%, it is $77, 0.839, 42.038$.

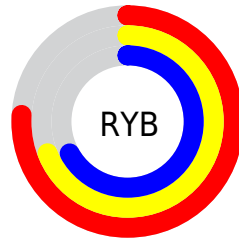
Distribution



Red (76%)

Green (69%)

Blue (67%)



Red (76%)

Yellow (69%)

Blue (67%)

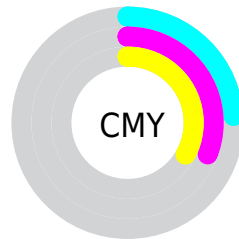


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 7.071, 42.261 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, 7.071, 42.261 by changing the saturation by 10% instead.

 73, 7.071, 42.261

 73, 7.071, 42.261

 100, 7.071, 42.261

 63, 7.071, 42.261

 93, 7.071, 42.261

 53, 7.071, 42.261

 43, 7.071, 42.261

 33, 7.071, 42.261

 23, 7.071, 42.261

 13, 7.071, 42.261

 3, 7.071, 42.261

 0, 7.071, 42.261

 73, 7.071, 42.261

 73, 7.071, 42.261

69, 13.815, 42.099

77, 0.839, 42.038

65, 21.118, 42.014

82, 4.929, 223.135

61, 29.007, 42.073

86, 10.284,
223.497

57, 37.482, 42.309

91, 15.276,
223.928

53, 46.482, 42.742

50, 55.842, 43.351

95, 18.797,
205.947

47, 65.171, 44.011

96, 20.300,
198.169

45, 73.594, 44.353

43, 79.500, 44.330

Harmonies

Complementary

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



73, 7.071, 42.261



75, 6.596, 223.271

Rectangle

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



73, 7.071, 42.261



73, 7.071, 92.261



73, 7.071, 222.261



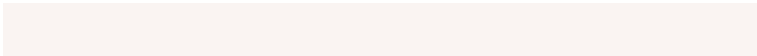
73, 7.071, 272.261

Sweetspot

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



73, 7.070, 42.279



97, 2.218, 42.318



72, 12.470, 331.810



51, 1.687, 42.352



99, 0.012, 296.813



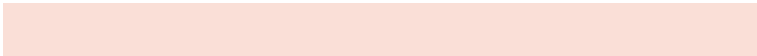
52, 0.007, 296.813

Same Dimension

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



73, 7.070, 42.279



91, 10.833, 42.224



76, 8.776, 93.526



39, 3.499, 42.318



36, 69.128, 44.688



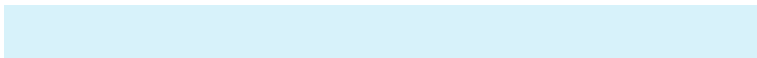
4, 12.251, 33.770

Inverse Universe

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



75, 6.596, 223.271



94, 9.920, 223.408



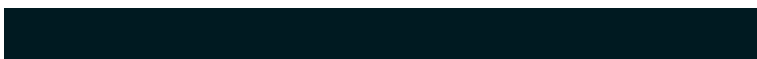
72, 8.819, 276.400



40, 3.308, 223.185



48, 31.616, 240.986



8, 10.338, 232.502

Previews

White Background



This preview shows how the CIELCh color 73, 7.071, 42.261 looks on a white background.

Color Contrast Check

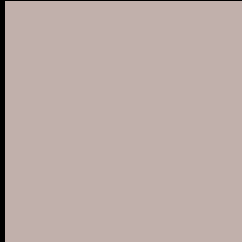
Large Text (above 18pt) WCAG AA × Fail

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, 7.071, 42.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

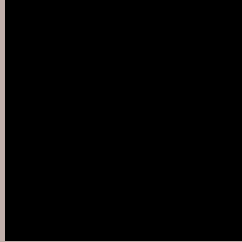
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 7.071, 42.261

Background



This preview shows how black text looks on a background with the CIELCh color 73, 7.071, 42.261.



This preview shows how white text looks on a background with the CIELCh color 73, 7.071, 42.261.

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, 7.071, 42.261

Protanopia

73, 3.952, 74.550

Deuteranopia

73, 10.502, 26.125



Tritanopia
73, 11.211, 337.769

Trichromacy



Original Color
73, 7.071, 42.261

Protanomaly
73, 4.664, 54.972

Deuteranomaly
73, 9.024, 30.404

Tritanomaly
73, 8.458, 353.500

Monochromacy



Original Color
73, 7.071, 42.261

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.687, 31.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 7.071, 42.261 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(193, 176, 171)` looks like.

```
.text, #text, p{  
    color:rgb(193, 176, 171)  
}
```

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(193, 176, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 176, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 7.071, 42.261 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(193, 176, 171) }
```

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

```
.border{ border-color:rgb(193, 176, 171) }
```

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

Here you see how a box with a 4 pixel rgb(193, 176, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 176, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 176, 171);  
box-shadow:4px 4px 4px 4px rgb(193, 176,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 7.071, 42.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 176, 171) }
```

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

```
.background{ background-color: rgb(193,  
176, 171) }
```

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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