

Converting Colors

CIELCh(71, 7.786, 82.325)

Have a look what the booklet for
CIELCh(71, 7.786, 82.325) contains.

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Color

CIELCh(71, 7.879, 83.028)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B6ADA0 |
| RGB | 182, 173, 160 |
| RGB Percent | 71%, 68%, 63% |
| CMY | 0.2876, 0.3229, 0.3739 |
| CMYK | 0.00, 0.05, 0.12, 0.29 |
| HSL | 35°, 13%, 67% |
| HSV | 35°, 12%, 71% |
| XYZ | 40.4055, 42.1875, 39.1182 |
| YIQ | 174.2090, 9.5370, -2.1350 |

Conversions

Conversions Part 2

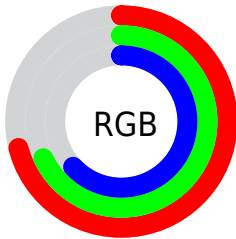
| Format | Color |
|-------------------------------------|---|
| RYB | 175, 182, 160 |
| Decimal | 11972000 |
| CIELab | 71.00, 0.96, 7.82 |
| CIELCh | 71, 7.879, 83.028 |
| Yxy | 42.1875, 0.3320, 0.3466 |
| Android (android.graphics.Color) | 4290162080 (0xFFB6ADA0) |
| YUV | 174.2090, -7.0050, 6.8327 |
| Hunter-Lab | 64.9519, -2.6239, 9.7581 |

Details

The CIELCh color $71, 7.879, 83.028$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 7.779, 266.267$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 7.635, 80.862$, and $51, 7.725, 83.492$ is the 20% darker color. If you saturate the color by 10%, you get $69, 14.623, 81.759$, and if you desaturate by 10%, it is $73, 1.343, 84.133$.

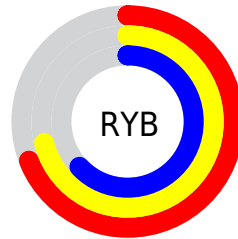
Distribution



Red (71%)

Green (68%)

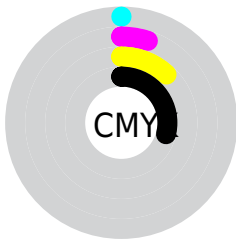
Blue (63%)



Red (69%)

Yellow (71%)

Blue (63%)

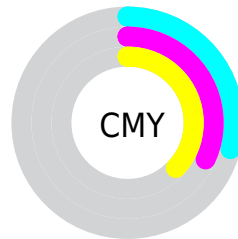


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.879, 83.028 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, 7.879, 83.028 by changing the saturation by 10% instead.

 71, 7.879, 83.028  71, 7.879, 83.028

 100, 7.879, 83.028  61, 7.879, 83.028

 91, 7.879, 83.028  51, 7.879, 83.028

 41, 7.879, 83.028

 31, 7.879, 83.028

 21, 7.879, 83.028

 11, 7.879, 83.028

 1, 7.879, 83.028

 0, 7.879, 83.028

 71, 7.879, 83.028  71, 7.879, 83.028

69, 14.623, 81.759

73, 1.343, 84.133

66, 21.574, 80.430

76, 4.998, 265.611

64, 28.714, 79.065

78, 11.158,
266.752

62, 35.987, 77.659

81, 17.155,
267.864

60, 43.266, 76.194

58, 50.294, 74.620

83, 23.005,
268.930

56, 56.600, 72.830

85, 22.464,
261.577

54, 61.457, 70.622

52, 64.281, 68.618

87, 20.565,
249.630

89, 19.675,
236.110

91, 19.902,
222.268

Harmonies

Complementary

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



71, 7.879, 83.028



69, 7.779, 266.267

Rectangle

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



71, 7.879, 83.028



71, 7.879, 133.028



71, 7.879, 263.028



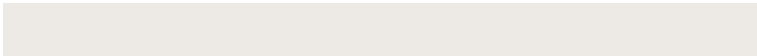
71, 7.879, 313.028

Sweetspot

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



71, 7.880, 83.043



93, 3.187, 83.989



68, 9.813, 349.450



50, 2.287, 83.911



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 7.880, 83.043



89, 12.188, 82.645



73, 11.886, 112.454



38, 3.703, 83.385



45, 57.275, 69.065



6, 9.117, 71.625

Inverse Universe

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



69, 7.779, 266.267



86, 11.979, 266.738



67, 12.214, 294.540



37, 3.670, 265.877



29, 58.619, 291.216



3, 11.093, 273.715

Previews

White Background



This preview shows how the CIELCh color 71, 7.879, 83.028 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, 7.879, 83.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

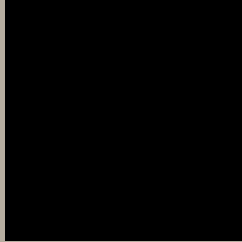
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

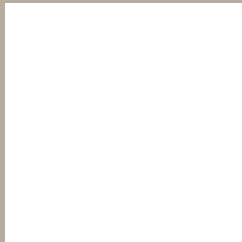
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 7.879, 83.028

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.879, 83.028.

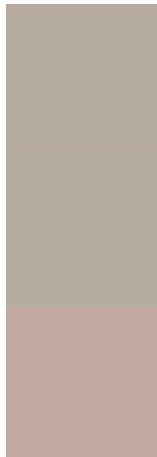


This preview shows how white text looks on a background with the CIELCh color 71, 7.879, 83.028.

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, 7.879, 83.028

Protanopia

71, 7.564, 88.364

Deuteranopia

71, 11.302, 39.804



Tritanopia
71, 9.735, 328.517

Trichromacy



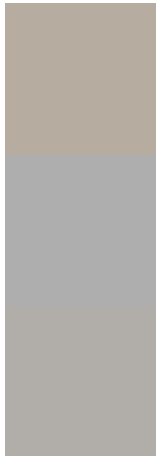
Original Color
71, 7.879, 83.028

Protanomaly
71, 7.713, 85.643

Deuteranomaly
71, 9.248, 51.759

Tritanomaly
71, 5.975, 352.747

Monochromacy



Original Color
71, 7.879, 83.028

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.934, 87.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.879, 83.028 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(182, 173, 160)` looks like.

```
.text, #text, p{  
    color:rgb(182, 173, 160)  
}
```

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(182, 173, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 173, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.879, 83.028 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(182, 173, 160) }
```

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

```
.border{ border-color:rgb(182, 173, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 173, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 173, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 173, 160);  
box-shadow:4px 4px 4px 4px rgb(182, 173,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.879, 83.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 173, 160) }
```

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

```
.background{ background-color: rgb(182,  
173, 160) }
```

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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