

Converting Colors

CIELCh(71, 2.521, 84.842)

Have a look what the booklet for
CIELCh(71, 2.521, 84.842) contains.

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Color

CIELCh(71, 2.443, 82.131)

Conversions

Conversions Part 1

Format	Color
Hex	B0ADA9
RGB	176, 173, 169
RGB Percent	69%, 68%, 66%
CMY	0.3083, 0.3201, 0.3358
CMYK	0.00, 0.02, 0.04, 0.31
HSL	34°, 4%, 68%
HSV	34°, 4%, 69%
XYZ	40.2053, 42.1875, 43.7474
YIQ	173.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

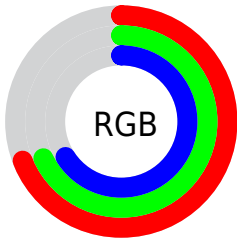
Format	Color
RYB	174, 176, 169
Decimal	11578793
CIELab	71.00, 0.33, 2.42
CIELCh	71, 2.443, 82.131
Yxy	42.1875, 0.3187, 0.3344
Android (android.graphics.Color)	4289768873 (0xFFB0ADA9)
YUV	173.4410, -2.1894, 2.2442
Hunter-Lab	64.9519, -3.1740, 5.5324

Details

The CIELCh color $71, 2.443, 82.131$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 2.444, 263.397$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 2.502, 74.838$, and $51, 2.613, 81.976$ is the 20% darker color. If you saturate the color by 10%, you get $69, 8.764, 80.996$, and if you desaturate by 10%, it is $73, 3.670, 263.591$.

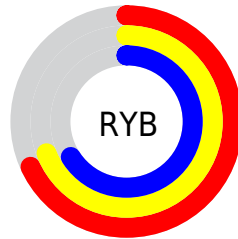
Distribution



Red (69%)

Green (68%)

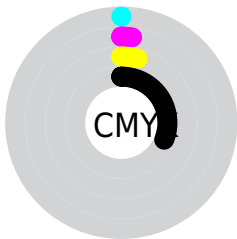
Blue (66%)



Red (68%)

Yellow (69%)

Blue (66%)

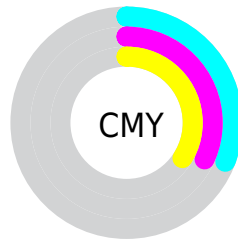


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (31%)



Cyan (31%)

Magenta (32%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 2.443, 82.131 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, 2.443, 82.131 by changing the saturation by 10% instead.

■ 71, 2.443, 82.131

■ 71, 2.443, 82.131

■ 100, 2.443, 82.131

■ 61, 2.443, 82.131

■ 91, 2.443, 82.131

■ 51, 2.443, 82.131

■ 41, 2.443, 82.131

■ 31, 2.443, 82.131

■ 21, 2.443, 82.131



















■ 11, 2.443, 82.131

■ 1, 2.443, 82.131

■ 0, 2.443, 82.131

■ 71, 2.443, 82.131

■ 71, 2.443, 82.131

 69, 8.764, 80.996	 73, 3.670, 263.591
 66, 15.303, 79.711	 76, 9.595, 264.722
 64, 22.063, 78.387	 78, 15.348, 265.843
 62, 29.025, 77.029	 81, 20.947, 266.920
 59, 36.133, 75.633	
 57, 43.254, 74.174	 84, 25.211, 266.437
 55, 50.117, 72.594	 86, 22.835, 255.970
 53, 56.229, 70.764	
 51, 60.842, 68.453	 87, 21.346, 243.727
	 89, 20.904, 230.482
	 92, 21.544, 217.490

Harmonies

Complementary

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



71, 2.443, 82.131



70, 2.444, 263.397

Rectangle

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



71, 2.443, 82.131



71, 2.443, 132.131



71, 2.443, 262.131



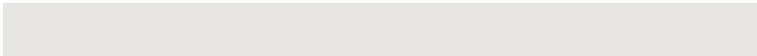
71, 2.443, 312.131

Sweetspot

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



71, 2.444, 82.175



91, 0.752, 82.197



70, 3.139, 347.621



48, 0.427, 82.177



96, 0.011, 296.813



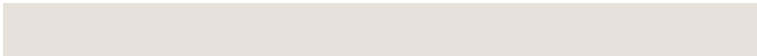
48, 0.006, 296.813

Same Dimension

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



71, 2.444, 82.175



90, 3.822, 82.062



72, 3.803, 112.458



37, 2.120, 82.006



44, 56.784, 67.381



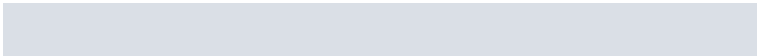
5, 7.821, 70.998

Inverse Universe

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



70, 2.444, 263.397



89, 3.811, 263.518



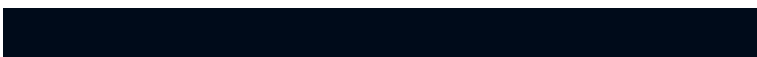
70, 3.851, 293.152



37, 2.111, 263.578



30, 55.828, 289.701



3, 9.366, 271.296

Previews

White Background



This preview shows how the CIELCh color 71, 2.443, 82.131 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 CIE LCh color 71, 2.443, 82.131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

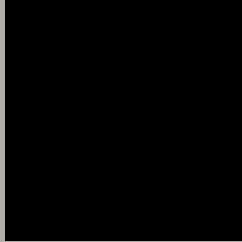
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

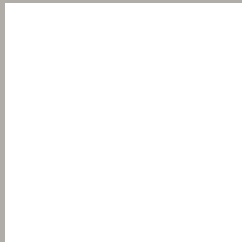
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 2.443, 82.131

Background



This preview shows how black text looks on a background with the CIELCh color 71, 2.443, 82.131.



This preview shows how white text looks on a background with the CIELCh color 71, 2.443, 82.131.

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, 2.443, 82.131

Protanopia

71, 2.875, 68.481

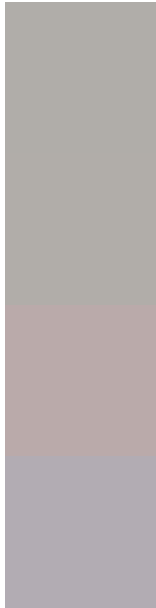
Deuteranopia

71, 9.301, 13.489



Tritanopia
71, 8.238, 311.823

Trichromacy



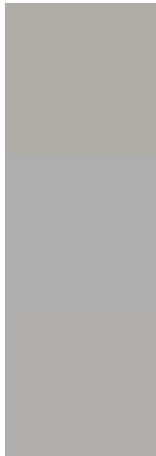
Original Color
71, 2.443, 82.131

Protanomaly
71, 2.640, 74.753

Deuteranomaly
71, 6.126, 19.858

Tritanomaly
71, 4.457, 320.624

Monochromacy



Original Color
71, 2.443, 82.131

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.141, 90.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 2.443, 82.131 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(176, 173, 169)` looks like.

```
.text, #text, p{  
    color:rgb(176, 173, 169)  
}
```

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(176, 173, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 173, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 2.443, 82.131 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(176, 173, 169) }
```

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

```
.border{ border-color:rgb(176, 173, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 173, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 173, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 173, 169);  
box-shadow:4px 4px 4px 4px rgb(176, 173,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 2.443, 82.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 173, 169) }
```

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

```
.background{ background-color: rgb(176,  
173, 169) }
```

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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