

Converting Colors

CIELCh(71, 2.474, 54.323)

Have a look what the booklet for
CIELCh(71, 2.474, 54.323) contains.

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Color

CIELCh(71, 2.489, 60.263)

Conversions

Conversions Part 1

Format	Color
Hex	B2ADAA
RGB	178, 173, 170
RGB Percent	70%, 68%, 67%
CMY	0.3024, 0.3220, 0.3338
CMYK	0.00, 0.03, 0.04, 0.30
HSL	23°, 5%, 68%
HSV	23°, 4%, 70%
XYZ	40.4953, 42.1875, 43.9780
YIQ	174.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

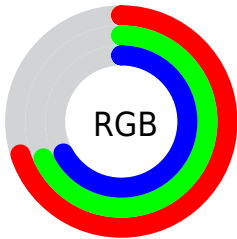
Format	Color
RYB	178, 175, 170
Decimal	11709866
CIELab	71.00, 1.23, 2.16
CIELCh	71, 2.489, 60.263
Yxy	42.1875, 0.3197, 0.3331
Android (android.graphics.Color)	4289899946 (0xFFB2ADAA)
YUV	174.1530, -2.0474, 3.3738
Hunter-Lab	64.9519, -2.3772, 5.3220

Details

The CIELCh color $71, 2.489, 60.263$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 2.450, 241.506$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 2.643, 55.184$, and $51, 2.371, 66.603$ is the 20% darker color. If you saturate the color by 10%, you get $68, 8.297, 59.509$, and if you desaturate by 10%, it is $74, 2.966, 241.558$.

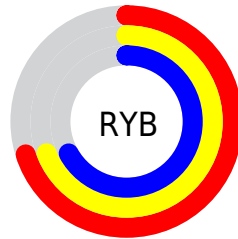
Distribution



Red (70%)

Green (68%)

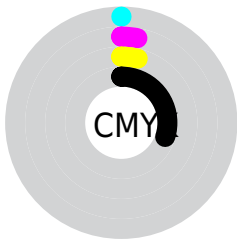
Blue (67%)



Red (70%)

Yellow (69%)

Blue (67%)

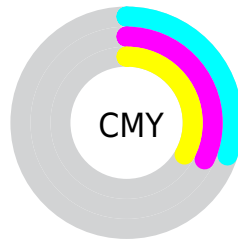


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (30%)



Cyan (30%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 2.489, 60.263 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, 2.489, 60.263 by changing the saturation by 10% instead.

■ 71, 2.489, 60.263

■ 71, 2.489, 60.263

■ 100, 2.489, 60.263

■ 61, 2.489, 60.263

■ 91, 2.489, 60.263

■ 51, 2.489, 60.263

■ 41, 2.489, 60.263

■ 31, 2.489, 60.263

■ 21, 2.489, 60.263

■ 11, 2.489, 60.263

■ 1, 2.489, 60.263

■ 0, 2.489, 60.263

■ 71, 2.489, 60.263

■ 71, 2.489, 60.263

68, 8.297, 59.509

74, 2.966, 241.558

64, 14.497, 58.638

78, 8.108, 242.404

61, 21.120, 57.796

81, 12.972,
243.313

58, 28.187, 57.004

85, 17.592,
244.217

55, 35.686, 56.268

52, 43.544, 55.574

88, 20.784,
240.746

49, 51.565, 54.855

91, 20.904,
220.969

47, 59.296, 53.940

45, 65.865, 52.467

94, 23.217,
203.572

95, 24.585,
197.901

Harmonies

Complementary

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



71, 2.489, 60.263



71, 2.450, 241.506

Rectangle

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



71, 2.489, 60.263



71, 2.489, 110.263



71, 2.489, 240.263



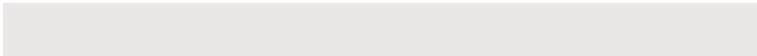
71, 2.489, 290.263

Sweetspot

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



71, 2.489, 60.311



92, 0.675, 60.042



70, 4.113, 337.352



49, 0.387, 60.004



96, 0.011, 296.813



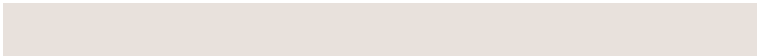
49, 0.007, 296.813

Same Dimension

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



71, 2.489, 60.311



90, 3.443, 60.276



72, 3.773, 103.630



37, 1.894, 60.243



37, 61.647, 52.128



4, 7.516, 50.301

Inverse Universe

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



71, 2.450, 241.506



90, 3.379, 241.547



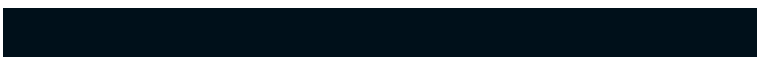
70, 3.814, 284.645



37, 1.854, 241.586



39, 37.910, 267.987



4, 7.940, 253.875

Previews

White Background



This preview shows how the CIELCh color 71, 2.489, 60.263 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, 2.489, 60.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

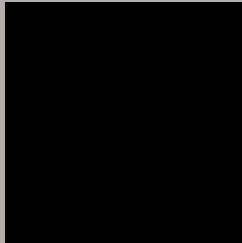
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

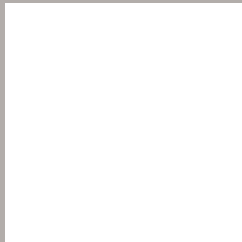
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 2.489, 60.263

Background



This preview shows how black text looks on a background with the CIELCh color 71, 2.489, 60.263.



This preview shows how white text looks on a background with the CIELCh color 71, 2.489, 60.263.

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, 2.489, 60.263

Protanopia

71, 2.489, 60.263

Deuteranopia

71, 9.362, 10.185



Tritanopia
71, 7.882, 315.759

Trichromacy



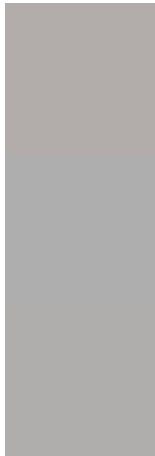
Original Color
71, 2.489, 60.263

Protanomaly
71, 2.489, 60.263

Deuteranomaly
71, 6.526, 15.132

Tritanomaly
71, 4.658, 324.602

Monochromacy



Original Color
71, 2.489, 60.263

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 0.652, 74.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 2.489, 60.263 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(178, 173, 170)` looks like.

```
.text, #text, p{  
    color:rgb(178, 173, 170)  
}
```

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(178, 173, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 173, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 2.489, 60.263 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(178, 173, 170) }
```

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

```
.border{ border-color:rgb(178, 173, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 173, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 173, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 173, 170);  
box-shadow:4px 4px 4px 4px rgb(178, 173,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 2.489, 60.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 173, 170) }
```

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

```
.background{ background-color: rgb(178,  
173, 170) }
```

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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