

Converting Colors

CIELCh(71, 7.680, 36.972)

Have a look what the booklet for
CIELCh(71, 7.680, 36.972) contains.

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Color

CIELCh(71, 7.671, 36.365)

Conversions

Conversions Part 1

Format	Color
Hex	BDAAA6
RGB	189, 170, 166
RGB Percent	74%, 67%, 65%
CMY	0.2598, 0.3343, 0.3500
CMYK	0.00, 0.10, 0.12, 0.26
HSL	10°, 15%, 70%
HSV	10°, 12%, 74%
XYZ	42.1123, 42.1875, 41.8819
YIQ	175.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

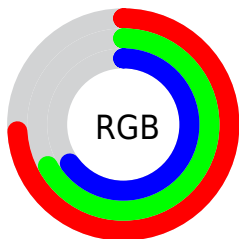
Format	Color
RYB	189, 171, 166
Decimal	12429990
CIELab	71.00, 6.18, 4.55
CIELCh	71, 7.671, 36.365
Yxy	42.1875, 0.3337, 0.3343
Android (android.graphics.Color)	4290620070 (0xFFBDAAA6)
YUV	175.2250, -4.5479, 12.0807
Hunter-Lab	64.9519, 2.0666, 7.2353

Details

The CIELCh color $71, 7.671, 36.365$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 7.096, 216.801$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 7.592, 35.573$, and $51, 7.871, 37.227$ is the 20% darker color. If you saturate the color by 10%, you get $67, 14.557, 36.484$, and if you desaturate by 10%, it is $76, 1.318, 36.095$.

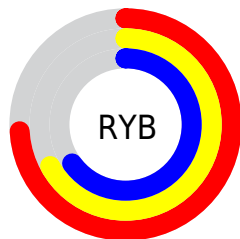
Distribution



Red (74%)

Green (67%)

Blue (65%)



Red (74%)

Yellow (67%)

Blue (65%)

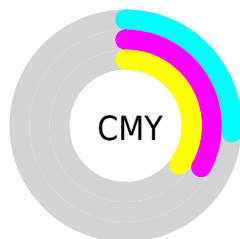


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (26%)



Cyan (26%)


Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.671, 36.365 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, 7.671, 36.365 by changing the saturation by 10% instead.

 71, 7.671, 36.365  71, 7.671, 36.365

 100, 7.671, 36.365  61, 7.671, 36.365

 91, 7.671, 36.365  51, 7.671, 36.365

 41, 7.671, 36.365

 31, 7.671, 36.365

 21, 7.671, 36.365

 11, 7.671, 36.365

 1, 7.671, 36.365

 0, 7.671, 36.365

 71, 7.671, 36.365

 71, 7.671, 36.365

67, 14.557, 36.484

76, 1.318, 36.095

62, 22.019, 36.717

80, 4.549, 216.741

58, 30.072, 37.136

85, 9.980, 216.872

54, 38.698, 37.788

89, 15.027,
217.094

51, 47.815, 38.703

94, 19.332,
209.546

47, 57.231, 39.872

45, 66.525, 41.162

96, 21.468,
198.095

42, 74.765, 42.156

41, 80.010, 42.723

Harmonies

Complementary

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



71, 7.671, 36.365



74, 7.096, 216.801

Rectangle

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



71, 7.671, 36.365



71, 7.671, 86.365



71, 7.671, 216.365



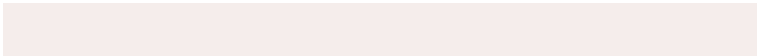
71, 7.671, 266.365

Sweetspot

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



71, 7.670, 36.381



94, 3.009, 36.266



71, 13.564, 330.103



50, 2.144, 36.295



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 7.670, 36.381



88, 11.815, 36.403



74, 8.770, 89.594



37, 3.527, 36.362



34, 69.778, 42.929



4, 10.958, 30.705

Inverse Universe

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



74, 7.096, 216.801



92, 10.702, 216.871



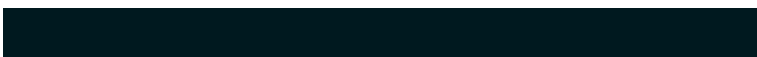
71, 8.757, 272.761



39, 3.325, 216.756



50, 30.475, 229.446



7, 9.595, 224.013

Previews

White Background



This preview shows how the CIELCh color 71, 7.671, 36.365 looks on a white background.

Color Contrast Check

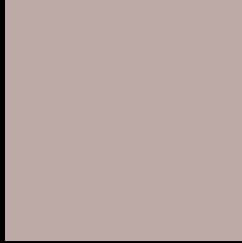
Large Text (above 18pt) WCAG AA × Fail

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, 7.671, 36.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

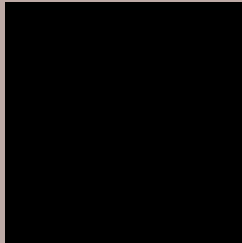
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 7.671, 36.365

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.671, 36.365.



This preview shows how white text looks on a background with the CIELCh color 71, 7.671, 36.365.

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, 7.671, 36.365

Protanopia

71, 3.306, 74.646

Deuteranopia

71, 10.171, 26.340



Tritanopia
71, 11.844, 340.360

Trichromacy



Original Color
71, 7.671, 36.365

Protanomaly
71, 4.691, 54.959

Deuteranomaly
71, 9.079, 30.416

Tritanomaly
71, 9.205, 355.766

Monochromacy



Original Color
71, 7.671, 36.365

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.702, 31.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.671, 36.365 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(189, 170, 166)` looks like.

```
.text, #text, p{  
    color:rgb(189, 170, 166)  
}
```

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(189, 170, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 170, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.671, 36.365 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(189, 170, 166) }
```

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

```
.border{ border-color:rgb(189, 170, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 170, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 170, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 170, 166);  
box-shadow:4px 4px 4px 4px rgb(189, 170,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.671, 36.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 170, 166) }
```

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

```
.background{ background-color: rgb(189,  
170, 166) }
```

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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