

Converting Colors

CIELCh(71, 7.708, 44.832)

Have a look what the booklet for
CIELCh(71, 7.708, 44.832) contains.

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Color

CIELCh(71, 7.718, 44.830)

Conversions

Conversions Part 1

Format	Color
Hex	BCAAA4
RGB	188, 170, 164
RGB Percent	74%, 67%, 64%
CMY	0.2622, 0.3328, 0.3564
CMYK	0.00, 0.10, 0.13, 0.26
HSL	15°, 15%, 69%
HSV	15°, 13%, 74%
XYZ	41.8796, 42.1875, 41.1153
YIQ	174.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

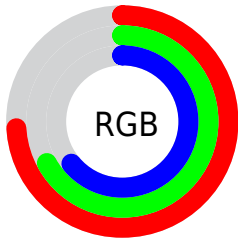
Format	Color
R _Y B	188, 172, 164
Decimal	12364452
CIE Lab	71.00, 5.47, 5.44
CIE LCh	71, 7.718, 44.830
Yxy	42.1875, 0.3345, 0.3370
Android (android.graphics.Color)	4290554532 (0xFFBCAAA4)
YUV	174.6980, -5.2741, 11.6659
Hunter-Lab	64.9519, 1.4270, 7.9351

Details

The CIELCh color **71, 7.718, 44.830** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 7.153, 226.202**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 7.615, 43.743**, and **51, 7.948, 45.949** is the 20% darker color. If you saturate the color by 10%, you get **67, 14.328, 44.556**, and if you desaturate by 10%, it is **75, 1.603, 45.001**.

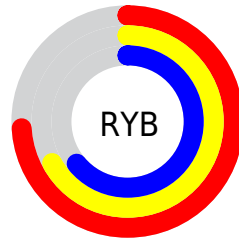
Distribution



Red (74%)

Green (67%)

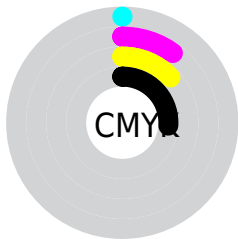
Blue (64%)



Red (74%)

Yellow (67%)

Blue (64%)

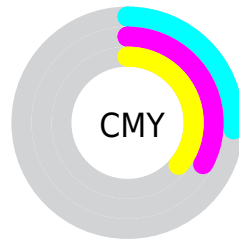


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.718, 44.830 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, 7.718, 44.830 by changing the saturation by 10% instead.

 71, 7.718, 44.830  71, 7.718, 44.830

 100, 7.718, 44.830  61, 7.718, 44.830


 91, 7.718, 44.830  51, 7.718, 44.830

 41, 7.718, 44.830


 31, 7.718, 44.830

















 21, 7.718, 44.830

 11, 7.718, 44.830

 1, 7.718, 44.830

 0, 7.718, 44.830

 71, 7.718, 44.830  71, 7.718, 44.830

 67, 14.328, 44.556	 75, 1.603, 45.001
 63, 21.476, 44.356	 79, 4.064, 225.901
 59, 29.190, 44.287	 84, 9.332, 226.335
 55, 37.466, 44.377	 88, 14.249, 226.847
 52, 46.242, 44.637	
 49, 55.341, 45.034	 92, 18.287, 222.517
 46, 64.344, 45.418	 96, 21.571, 198.407
 44, 72.329, 45.396	
 42, 77.209, 45.218	 96, 21.650, 198.084

Harmonies

Complementary

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



71, 7.718, 44.830



73, 7.153, 226.202

Rectangle

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



71, 7.718, 44.830



71, 7.718, 94.830



71, 7.718, 224.830



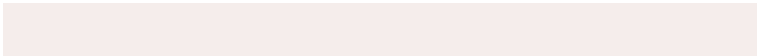
71, 7.718, 274.830

Sweetspot

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



71, 7.717, 44.847



94, 2.895, 45.046



70, 13.363, 333.145



50, 2.063, 45.048



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, 7.717, 44.847



89, 11.348, 44.770



74, 9.964, 95.717



38, 3.390, 44.951



36, 67.553, 45.598



4, 10.549, 36.414

Inverse Universe

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



73, 7.153, 226.202



92, 10.349, 226.361



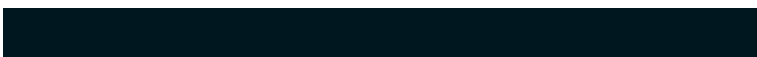
70, 10.055, 278.858



39, 3.211, 226.014



46, 31.909, 245.665



6, 9.488, 237.331

Previews

White Background



This preview shows how the CIELCh color 71, 7.718, 44.830 looks on a white background.

Color Contrast Check

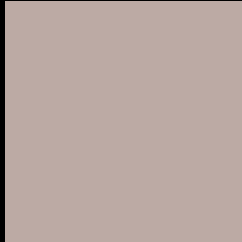
Large Text (above 18pt) WCAG AA × Fail

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, 7.718, 44.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

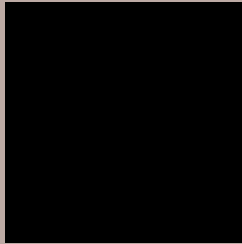
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 7.718, 44.830

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.718, 44.830.



This preview shows how white text looks on a background with the CIELCh color 71, 7.718, 44.830.

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, 7.718, 44.830

Protanopia

71, 4.433, 78.503

Deuteranopia

71, 10.267, 29.323



Tritanopia
71, 10.915, 339.911

Trichromacy



Original Color
71, 7.718, 44.830

Protanomaly
71, 5.405, 64.270

Deuteranomaly
71, 9.213, 33.699

Tritanomaly
71, 8.284, 356.911

Monochromacy



Original Color
71, 7.718, 44.830

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.862, 41.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.718, 44.830 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(188, 170, 164)` looks like.

```
.text, #text, p{  
    color:rgb(188, 170, 164)  
}
```

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(188, 170, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 170, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.718, 44.830 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(188, 170, 164) }
```

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

```
.border{ border-color:rgb(188, 170, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 170, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 170, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 170, 164);  
box-shadow:4px 4px 4px 4px rgb(188, 170,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.718, 44.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 170, 164) }
```

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

```
.background{ background-color: rgb(188,  
170, 164) }
```

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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