

Converting Colors

CIELCh(71, 17.705, 108.432)

Have a look what the booklet for
CIELCh(71, 17.705, 108.432)
contains.

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Color

CIELCh(71, 17.863, 108.389)

Conversions

Conversions Part 1

Format	Color
Hex	B0B08F
RGB	176, 176, 143
RGB Percent	69%, 69%, 56%
CMY	0.3104, 0.3103, 0.4397
CMYK	0.00, 0.00, 0.19, 0.31
HSL	60°, 17%, 62%
HSV	60°, 19%, 69%
XYZ	38.3173, 42.1875, 32.0558
YIQ	172.2380, 10.5930, -10.2630

Conversions

Conversions Part 2

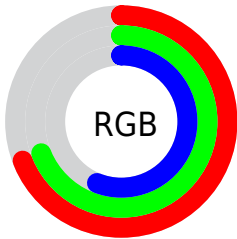
Format	Color
R_{YB}	143, 176, 143
Decimal	11579535
CIE _{Lab}	71.00, -5.64, 16.95
CIE _{LCh}	71, 17.863, 108.389
Yxy	42.1875, 0.3404, 0.3748
Android (android.graphics.Color)	4289769615 (0xFFB0B08F)
YUV	172.2380, -14.4143, 3.2993
Hunter-Lab	64.9519, -8.3627, 16.2049

Details

The CIELCh color **71, 17.863, 108.389** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60, 18.642, 292.247**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 18.012, 108.714**, and **51, 17.853, 109.254** is the 20% darker color. If you saturate the color by 10%, you get **71, 27.247, 107.440**, and if you desaturate by 10%, it is **71, 8.364, 109.347**.

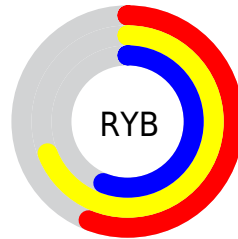
Distribution



Red (69%)

Green (69%)

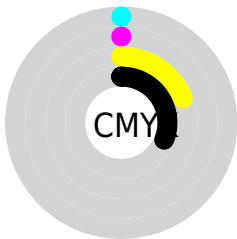
Blue (56%)



Red (56%)

Yellow (69%)

Blue (56%)

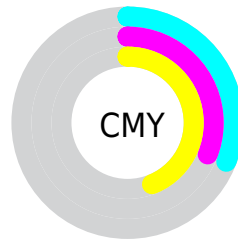


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (31%)



Cyan (31%)


Magenta (31%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 17.863, 108.389 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, 17.863, 108.389 by changing the saturation by 10% instead.


 71, 17.863,
108.389


 71, 17.863,
108.389


 100, 17.863,
108.389

 61, 17.863,
108.389


 91, 17.863,
108.389

 51, 17.863,
108.389

 41, 17.863,
108.389

 31, 17.863,
108.389

 21, 17.863,
108.389

 11, 17.863,
108.389

 1, 17.863, 108.389

0, 17.863, 108.389

71, 17.863,
108.389

71, 17.863,
108.389

71, 27.247,
107.440

71, 8.364, 109.347

70, 36.413,
106.505

72, 1.192, 290.349

70, 45.211,
105.611

72, 10.760,
291.228

70, 53.410,
104.788

73, 20.313,
292.119

70, 60.680,
104.071

74, 29.830,
292.976

70, 66.596,
103.498

74, 39.296,
293.793

74, 42.843,

■ 70, 70.733,
103.105

294.091

■ 70, 73.081,
102.885

■ 74, 42.843,
294.092

■ 70, 73.339,
102.861

■ 74, 42.843,
294.093

Harmonies

Complementary

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



71, 17.863, 108.389



60, 18.642, 292.247

Rectangle

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



71, 17.863, 108.389



71, 17.863, 158.389



71, 17.863, 288.389



71, 17.863, 338.389

Sweetspot

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



71, 17.865, 108.394



91, 7.110, 109.597



62, 13.279, 20.694



48, 4.712, 109.538



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, 17.865, 108.394



90, 27.136, 107.950



70, 19.106, 128.232



37, 5.341, 109.297



60, 65.376, 102.861



7, 11.345, 110.185

Inverse Universe

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



60, 18.642, 292.247



74, 28.645, 292.862



62, 19.595, 309.927



33, 5.457, 291.132



17, 90.271, 306.288



1, 11.347, 290.182

Previews

White Background



This preview shows how the CIELCh color 71, 17.863, 108.389 looks on a white background.

Color Contrast Check

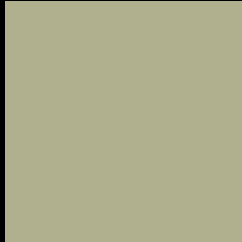
Large Text (above 18pt) WCAG AA × Fail

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, 17.863, 108.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

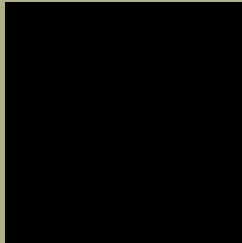
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

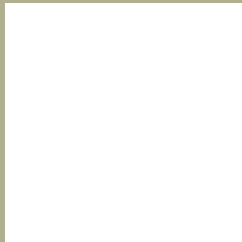
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 17.863, 108.389

Background



This preview shows how black text looks on a background with the CIELCh color 71, 17.863, 108.389.



This preview shows how white text looks on a background with the CIELCh color 71, 17.863, 108.389.

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, 17.863, 108.389

Protanopia

71, 17.410, 93.670

Deuteranopia

71, 18.460, 60.291



Tritanopia
71, 8.711, 318.688

Trichromacy



Original Color
71, 17.863, 108.389

Protanomaly
71, 17.578, 99.187

Deuteranomaly
71, 16.787, 76.605

Tritanomaly
71, 3.114, 51.047

Monochromacy



Original Color
71, 17.863, 108.389

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.533, 109.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 17.863, 108.389 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, 176, 143)` looks like.

```
.text, #text, p{  
    color:rgb(176, 176, 143)  
}
```

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, 176, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 176, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 17.863, 108.389 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, 176, 143) }
```

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

```
.border{ border-color:rgb(176, 176, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 176, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 176, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 176, 143);  
box-shadow:4px 4px 4px 4px rgb(176, 176,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 17.863, 108.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 176, 143) }
```

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

```
.background{ background-color: rgb(176,  
176, 143) }
```

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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