

Converting Colors

CIELCh(71, 7.085, 27.231)

Have a look what the booklet for
CIELCh(71, 7.085, 27.231) contains.

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Color

CIELCh(71, 7.017, 28.816)

Conversions

Conversions Part 1

Format	Color
Hex	BCAAA8
RGB	188, 170, 168
RGB Percent	74%, 67%, 66%
CMY	0.2633, 0.3339, 0.3418
CMYK	0.00, 0.10, 0.11, 0.26
HSL	6°, 13%, 70%
HSV	6°, 11%, 74%
XYZ	42.1027, 42.1875, 42.8973
YIQ	175.1540, 11.3700, 3.1940

Conversions

Conversions Part 2

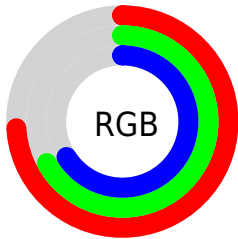
Format	Color
R _Y B	188, 170, 168
Decimal	12364456
CIE Lab	71.00, 6.15, 3.38
CIE LCh	71, 7.017, 28.816
Yxy	42.1875, 0.3310, 0.3317
Android (android.graphics.Color)	4290554536 (0xFFBCAAA8)
YUV	175.1540, -3.5269, 11.2659
Hunter-Lab	64.9519, 2.0402, 6.3084

Details

The CIELCh color **71, 7.017, 28.816** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 6.550, 208.526**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 6.990, 28.278**, and **51, 7.142, 29.444** is the 20% darker color. If you saturate the color by 10%, you get **66, 14.178, 29.280**, and if you desaturate by 10%, it is **76, 0.408, 27.339**.

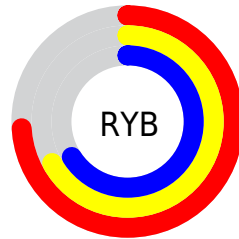
Distribution



Red (74%)

Green (67%)

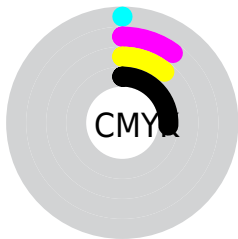
Blue (66%)



Red (74%)

Yellow (67%)

Blue (66%)

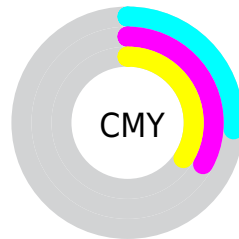


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.017, 28.816 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, 7.017, 28.816 by changing the saturation by 10% instead.

■ 71, 7.017, 28.816

■ 71, 7.017, 28.816

■ 100, 7.017, 28.816

■ 61, 7.017, 28.816

■ 91, 7.017, 28.816

■ 51, 7.017, 28.816

■ 41, 7.017, 28.816

■ 31, 7.017, 28.816

■ 21, 7.017, 28.816

■ 11, 7.017, 28.816

■ 1, 7.017, 28.816

■ 0, 7.017, 28.816

■ 71, 7.017, 28.816

■ 71, 7.017, 28.816

66, 14.178, 29.280

76, 0.408, 27.339

62, 21.924, 29.890

81, 5.692, 208.572

57, 30.256, 30.735

86, 11.334,
208.444

53, 39.131, 31.884

91, 16.572,
208.407

49, 48.436, 33.397

46, 57.955, 35.299

96, 21.519,
198.956

43, 67.288, 37.492

96, 21.731,
198.079

41, 75.592, 39.571

40, 81.585, 41.164

Harmonies

Complementary

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



71, 7.017, 28.816



74, 6.550, 208.526

Rectangle

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



71, 7.017, 28.816



71, 7.017, 78.816



71, 7.017, 208.816



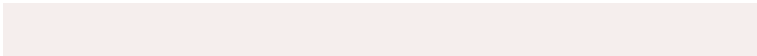
71, 7.017, 258.816

Sweetspot

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



71, 7.016, 28.832



95, 2.377, 28.421



71, 12.361, 327.860



50, 1.807, 28.498



98, 0.011, 296.813



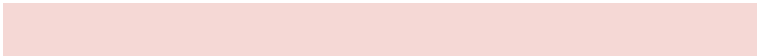
51, 0.007, 296.813

Same Dimension

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



71, 7.016, 28.832



89, 10.737, 28.938



74, 7.160, 84.044



37, 3.729, 28.780



33, 71.377, 41.155



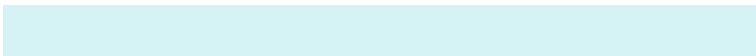
3, 11.452, 25.599

Inverse Universe

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



74, 6.550, 208.526



93, 9.849, 208.483



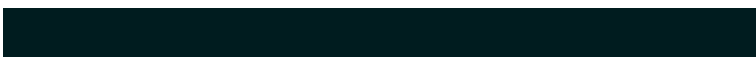
72, 7.092, 266.879



39, 3.512, 208.554



54, 31.249, 213.990



8, 10.234, 211.030

Previews

White Background



This preview shows how the CIELCh color 71, 7.017, 28.816 looks on a white background.

Color Contrast Check

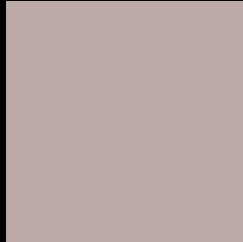
Large Text (above 18pt) WCAG AA × Fail

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, 7.017, 28.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

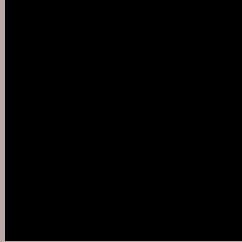
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

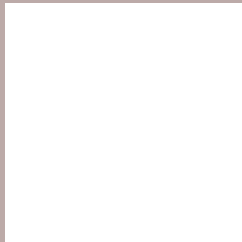
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 7.017, 28.816

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.017, 28.816.



This preview shows how white text looks on a background with the CIELCh color 71, 7.017, 28.816.

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, 7.017, 28.816

Protanopia

71, 2.489, 60.263

Deuteranopia

71, 9.671, 20.206



Tritanopia
71, 10.915, 339.911

Trichromacy



Original Color
71, 7.017, 28.816

Protanomaly
71, 4.145, 42.742

Deuteranomaly
71, 8.515, 23.732

Tritanomaly
71, 8.503, 353.527

Monochromacy



Original Color
71, 7.017, 28.816

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, 7.017, 28.816 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(188, 170, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 170, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.017, 28.816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

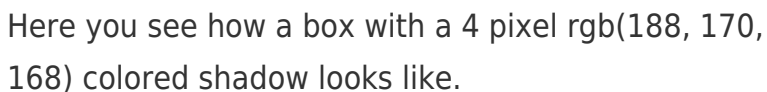
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 170, 168) }
```

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

```
.border{ border-color:rgb(188, 170, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 170, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 170, 168); box-shadow:4px 4px 4px 4px rgb(188, 170, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.017, 28.816 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, 168) }
```

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

```
.background{ background-color: rgb(188,  
170, 168) }
```

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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