

Converting Colors

CIELCh(71, 7.171, 87.568)

Have a look what the booklet for
CIELCh(71, 7.171, 87.568) contains.

CIELCh(71, 7.056, 86.869)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 7.056, 86.869)

Conversions

Conversions Part 1

Format	Color
Hex	B4ADA1
RGB	180, 173, 161
RGB Percent	71%, 68%, 63%
CMY	0.2939, 0.3214, 0.3685
CMYK	0.00, 0.04, 0.11, 0.29
HSL	38°, 11%, 67%
HSV	38°, 11%, 71%
XYZ	40.2217, 42.1875, 39.7616
YIQ	173.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

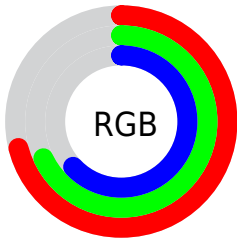
Format	Color
RYB	172, 180, 161
Decimal	11840929
CIELab	71.00, 0.39, 7.05
CIELCh	71, 7.056, 86.869
Yxy	42.1875, 0.3292, 0.3453
Android (android.graphics.Color)	4290031009 (0xFFB4ADA1)
YUV	173.7250, -6.2734, 5.5032
Hunter-Lab	64.9519, -3.1290, 9.1708

Details

The CIELCh color $71, 7.056, 86.869$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 7.022, 269.660$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 6.838, 84.296$, and $51, 7.396, 89.403$ is the 20% darker color. If you saturate the color by 10%, you get $69, 13.928, 85.614$, and if you desaturate by 10%, it is $73, 0.358, 87.477$.

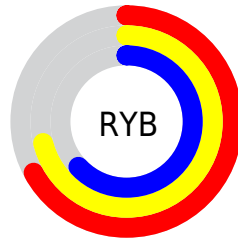
Distribution



Red (71%)

Green (68%)

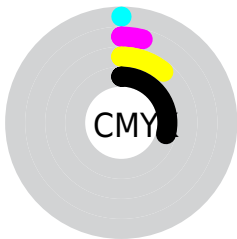
Blue (63%)



Red (67%)

Yellow (71%)

Blue (63%)

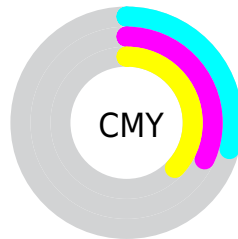


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.056, 86.869 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, 7.056, 86.869 by changing the saturation by 10% instead.

■ 71, 7.056, 86.869

■ 71, 7.056, 86.869

■ 100, 7.056, 86.869

■ 61, 7.056, 86.869

■ 91, 7.056, 86.869

■ 51, 7.056, 86.869

■ 41, 7.056, 86.869

■ 31, 7.056, 86.869

■ 21, 7.056, 86.869

■ 11, 7.056, 86.869

■ 1, 7.056, 86.869

■ 0, 7.056, 86.869

■ 71, 7.056, 86.869

■ 71, 7.056, 86.869

69, 13.928, 85.614

73, 0.358, 87.477

67, 20.967, 84.291

75, 6.176, 269.404

65, 28.150, 82.929

78, 12.554,
270.533

63, 35.415, 81.524

80, 18.789,
271.625

61, 42.633, 80.063

59, 49.555, 78.507

82, 24.895,
272.668

57, 55.736, 76.774

84, 24.170,
266.611

55, 60.498, 74.707

54, 63.554, 72.418

86, 22.052,
257.135

88, 20.630,
246.130

89, 20.032,
234.116

Harmonies

Complementary

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



71, 7.056, 86.869



69, 7.022, 269.660

Rectangle

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



71, 7.056, 86.869



71, 7.056, 136.869



71, 7.056, 266.869



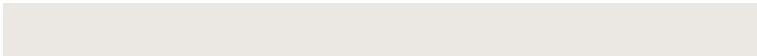
71, 7.056, 316.869

Sweetspot

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



71, 7.057, 86.885



92, 2.457, 87.736



68, 8.306, 351.366



49, 1.865, 87.663



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, 7.057, 86.885



89, 10.819, 86.552



73, 10.310, 113.939



37, 3.754, 87.037



46, 56.352, 72.854



5, 8.160, 77.709

Inverse Universe

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



69, 7.022, 269.660



86, 10.740, 270.042



67, 10.557, 295.637



35, 3.740, 269.489



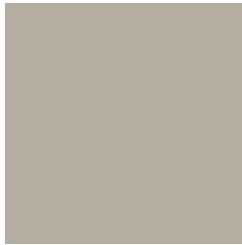
27, 62.104, 293.946



2, 9.844, 274.847

Previews

White Background



This preview shows how the CIELCh color 71, 7.056, 86.869 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, 7.056, 86.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

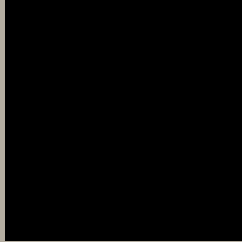
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

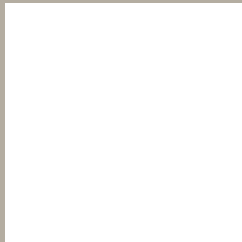
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 7.056, 86.869

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.056, 86.869.

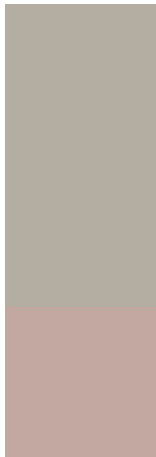


This preview shows how white text looks on a background with the CIELCh color 71, 7.056, 86.869.

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, 7.056, 86.869

Protanopia

71, 7.056, 86.869

Deuteranopia

71, 11.105, 37.233



Tritanopia
71, 8.630, 324.799

Trichromacy



Original Color
71, 7.056, 86.869

Protanomaly
71, 7.056, 86.869

Deuteranomaly
71, 8.954, 48.899

Tritanomaly
71, 4.709, 352.159

Monochromacy



Original Color
71, 7.056, 86.869

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.812, 94.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.056, 86.869 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(180, 173, 161)` looks like.

```
.text, #text, p{  
    color:rgb(180, 173, 161)  
}
```

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(180, 173, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 173, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.056, 86.869 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(180, 173, 161) }
```

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

```
.border{ border-color:rgb(180, 173, 161) }
```

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

Here you see how a box with a 4 pixel rgb(180, 173, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 173, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 173, 161);  
box-shadow:4px 4px 4px 4px rgb(180, 173,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.056, 86.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 173, 161) }
```

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

```
.background{ background-color: rgb(180,  
173, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor