

Converting Colors

CIELCh(70, 10.052, 84.179)

Have a look what the booklet for
CIELCh(70, 10.052, 84.179) contains.

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Color

CIELCh(70, 10.233, 84.090)

Conversions

Conversions Part 1

Format	Color
Hex	B5AA99
RGB	181, 170, 153
RGB Percent	71%, 67%, 60%
CMY	0.2911, 0.3342, 0.4009
CMYK	0.00, 0.06, 0.15, 0.29
HSL	36°, 16%, 65%
HSV	36°, 15%, 71%
XYZ	39.0623, 40.7494, 35.8447
YIQ	171.3510, 12.0130, -2.9550

Conversions

Conversions Part 2

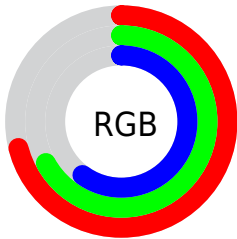
Format	Color
RYB	171, 181, 153
Decimal	11905689
CIELab	70.00, 1.05, 10.18
CIElCh	70, 10.233, 84.090
Yxy	40.7494, 0.3377, 0.3523
Android (android.graphics.Color)	4290095769 (0xFFB5AA99)
YUV	171.3510, -9.0470, 8.4622
Hunter-Lab	63.8353, -2.4834, 11.3922

Details

The CIELCh color **70, 10.233, 84.090** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 10.090, 268.247**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 10.319, 83.769**, and **50, 10.260, 84.282** is the 20% darker color. If you saturate the color by 10%, you get **68, 17.093, 82.799**, and if you desaturate by 10%, it is **72, 3.568, 85.327**.

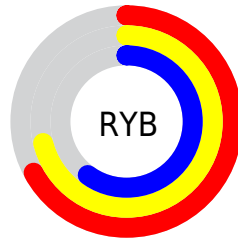
Distribution



Red (71%)

Green (67%)

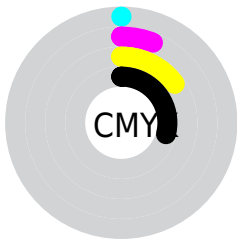
Blue (60%)



Red (67%)

Yellow (71%)

Blue (60%)

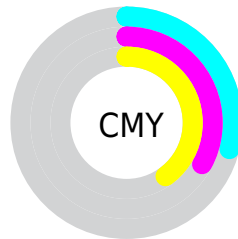


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 10.233, 84.090 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 70, 10.233, 84.090 by changing the saturation by 10% instead.

■ 70, 10.233, 84.090

■ 70, 10.233, 84.090

■ 100, 10.233,
84.090

■ 60, 10.233, 84.090

■ 90, 10.233, 84.090

■ 50, 10.233, 84.090

■ 40, 10.233, 84.090

■ 30, 10.233, 84.090

■ 20, 10.233, 84.090

■ 10, 10.233, 84.090

■ 0, 10.233, 84.090

■ 70, 10.233, 84.090

■ 70, 10.233, 84.090

■ 68, 17.093, 82.799

■ 72, 3.568, 85.327

66, 24.138, 81.455	75, 2.911, 266.721
63, 31.337, 80.072	77, 9.214, 267.842
61, 38.607, 78.643	79, 15.356, 268.964
59, 45.780, 77.142	82, 21.352, 270.042
57, 52.530, 75.507	84, 24.259, 267.686
55, 58.295, 73.609	86, 21.939, 257.605
54, 62.328, 71.235	88, 20.414, 245.734
53, 63.885, 70.126	90, 19.845, 232.724

Harmonies

Complementary

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



70, 10.233, 84.090



67, 10.090, 268.247

Rectangle

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



70, 10.233, 84.090



70, 10.233, 134.090



70, 10.233, 264.090



70, 10.233, 314.090

Sweetspot

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



70, 10.234, 84.102



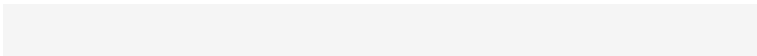
91, 4.017, 85.371



66, 12.439, 350.823



48, 2.742, 85.294



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 10.234, 84.102



87, 15.610, 83.608



73, 15.144, 112.863



37, 3.670, 84.875



45, 56.456, 70.596



5, 8.005, 74.977

Inverse Universe

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



67, 10.090, 268.247



83, 15.322, 268.857



64, 15.675, 295.489



36, 3.645, 267.349



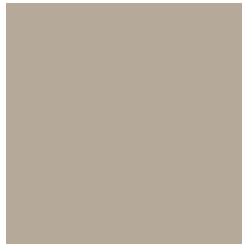
28, 59.526, 292.313



3, 9.647, 273.458

Previews

White Background



This preview shows how the CIELCh color 70, 10.233, 84.090 looks on a white background.

Color Contrast Check

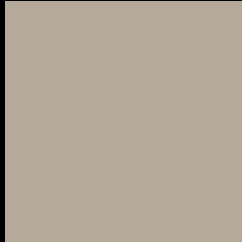
Large Text (above 18pt) WCAG AA × Fail

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 70, 10.233, 84.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

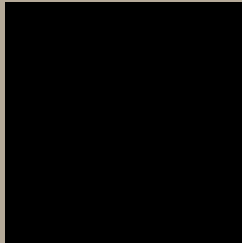
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 10.233, 84.090

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.233, 84.090.



This preview shows how white text looks on a background with the CIELCh color 70, 10.233, 84.090.

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


70, 10.233, 84.090

Protanopia

70, 10.180, 93.458

Deuteranopia

70, 13.078, 47.401



Tritanopia
70, 9.845, 334.019

Trichromacy



Original Color
70, 10.233, 84.090

Protanomaly
70, 10.294, 91.330

Deuteranomaly
70, 11.284, 58.688

Tritanomaly
70, 6.224, 9.799

Monochromacy



Original Color
70, 10.233, 84.090

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.100, 87.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.233, 84.090 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(181, 170, 153)` looks like.

```
.text, #text, p{  
    color:rgb(181, 170, 153)  
}
```

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(181, 170, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 170, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.233, 84.090 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(181, 170, 153) }
```

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

```
.border{ border-color:rgb(181, 170, 153) }
```

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

Here you see how a box with a 4 pixel rgb(181, 170, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 170, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 170, 153);  
box-shadow:4px 4px 4px 4px rgb(181, 170,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.233, 84.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 170, 153) }
```

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

```
.background{ background-color: rgb(181,  
170, 153) }
```

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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