

Converting Colors

CIELCh(70, 10.772, 108.142)

Have a look what the booklet for
CIELCh(70, 10.772, 108.142)
contains.

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Color

CIELCh(70, 10.354, 106.958)

Conversions

Conversions Part 1

Format	Color
Hex	ADAC99
RGB	173, 172, 153
RGB Percent	68%, 67%, 60%
CMY	0.3211, 0.3250, 0.3996
CMYK	0.00, 0.01, 0.12, 0.32
HSL	57°, 11%, 64%
HSV	57°, 12%, 68%
XYZ	37.7922, 40.7494, 36.0591
YIQ	170.1330, 6.6950, -5.6970

Conversions

Conversions Part 2

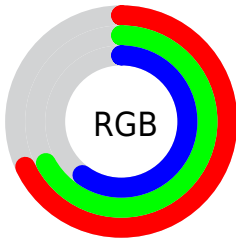
Format	Color
RYB	154, 173, 153
Decimal	11381913
CIELab	70.00, -3.02, 9.90
CIElCh	70, 10.354, 106.958
Yxy	40.7494, 0.3298, 0.3556
Android (android.graphics.Color)	4289571993 (0xFFADAC99)
YUV	170.1330, -8.4466, 2.5144
Hunter-Lab	63.8353, -6.0350, 11.1931

Details

The CIELCh color **70, 10.354, 106.958** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 10.603, 289.353**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 10.351, 107.278**, and **50, 10.467, 106.476** is the 20% darker color. If you saturate the color by 10%, you get **69, 19.285, 105.967**, and if you desaturate by 10%, it is **71, 1.386, 107.906**.

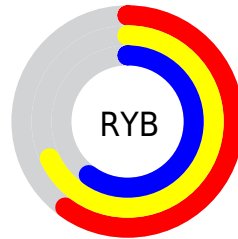
Distribution



Red (68%)

Green (67%)

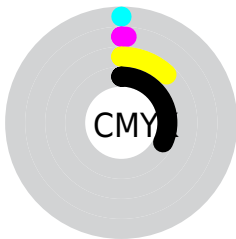
Blue (60%)



Red (60%)

Yellow (68%)

Blue (60%)

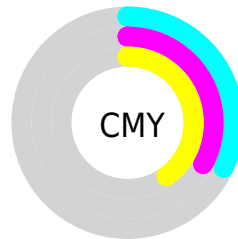


Cyan (0%)

Magenta (1%)

Yellow (12%)

Black (32%)



Cyan (32%)


Magenta (33%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 10.354, 106.958 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, 10.354, 106.958 by changing the saturation by 10% instead.


 70, 10.354,
106.958


 70, 10.354,
106.958


 100, 10.354,
106.958


 60, 10.354,
106.958


 90, 10.354,
106.958

 50, 10.354,
106.958

 40, 10.354,
106.958

 30, 10.354,
106.958

 20, 10.354,
106.958

 10, 10.354,
106.958

 0, 10.354, 106.958

70, 10.354,
106.958

70, 10.354,
106.958

69, 19.285,
105.967

71, 1.386, 107.906

69, 28.112,
104.962

71, 7.585, 288.934

68, 36.737,
103.970

72, 16.531,
289.860

68, 45.006,
103.009

73, 25.436,
290.752

67, 52.675,
102.105

74, 34.289,
291.605

67, 59.395,
101.287

75, 42.020,
292.276

67, 64.713,
100.582

75, 41.528,
291.840

66, 68.191,

75, 41.039,
291.394

100.012

■ 75, 40.551,
290.938

■ 66, 69.910, 99.614

Harmonies

Complementary

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



70, 10.354, 106.958



64, 10.603, 289.353

Rectangle

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



70, 10.354, 106.958



70, 10.354, 156.958



70, 10.354, 286.958



70, 10.354, 336.958

Sweetspot

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



70, 10.356, 106.966



89, 3.315, 107.787



65, 7.851, 16.061



47, 2.511, 107.715



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



70, 10.356, 106.966



88, 15.492, 106.699



70, 11.478, 126.781



36, 5.081, 107.188



58, 63.075, 99.652



7, 10.529, 107.092

Inverse Universe

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



64, 10.603, 289.353



79, 15.945, 289.673



65, 11.682, 307.839



34, 5.181, 289.096



17, 87.803, 305.522



1, 10.886, 288.509

Previews

White Background



This preview shows how the CIELCh color 70, 10.354, 106.958 looks on a white background.

Color Contrast Check

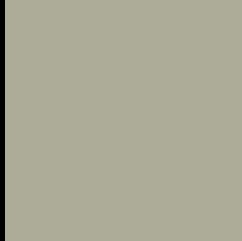
Large Text (above 18pt) WCAG AA × Fail

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, 10.354, 106.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

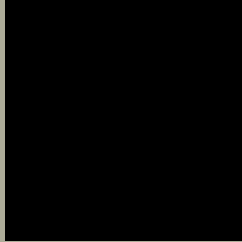
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

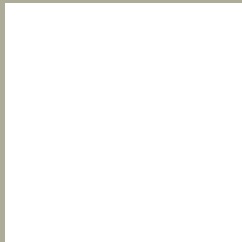
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 10.354, 106.958

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.354, 106.958.



This preview shows how white text looks on a background with the CIELCh color 70, 10.354, 106.958.

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, 10.354, 106.958

Protanopia

70, 10.306, 91.320

Deuteranopia

70, 12.808, 45.326



Tritanopia
70, 7.907, 315.763

Trichromacy



Original Color
70, 10.354, 106.958

Protanomaly
70, 10.533, 98.341

Deuteranomaly
70, 10.465, 66.428

Tritanomaly
70, 2.878, 357.168

Monochromacy



Original Color
70, 10.354, 106.958

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.817, 109.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.354, 106.958 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(173, 172, 153)` looks like.

```
.text, #text, p{  
    color:rgb(173, 172, 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(173, 172, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 172, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.354, 106.958 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(173, 172, 153) }
```

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

```
.border{ border-color:rgb(173, 172, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 172, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 172, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 172, 153);  
box-shadow:4px 4px 4px 4px rgb(173, 172,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.354, 106.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 172, 153) }
```

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

```
.background{ background-color: rgb(173,  
172, 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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