

Converting Colors

CIELCh(68, 6.722, 75.135)

Have a look what the booklet for
CIELCh(68, 6.722, 75.135) contains.

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Color

CIELCh(68, 6.734, 73.990)

Conversions

Conversions Part 1

Format	Color
Hex	AEA49A
RGB	174, 164, 154
RGB Percent	68%, 64%, 60%
CMY	0.3169, 0.3562, 0.3954
CMYK	0.00, 0.06, 0.11, 0.32
HSL	30°, 11%, 64%
HSV	30°, 11%, 68%
XYZ	36.6495, 37.9720, 36.0456
YIQ	165.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

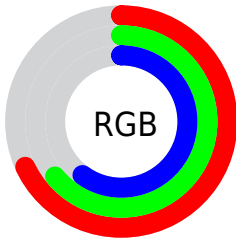
Format	Color
RYB	174, 174, 154
Decimal	11445402
CIELab	68.00, 1.86, 6.47
CIELCh	68, 6.734, 73.990
Yxy	37.9720, 0.3312, 0.3431
Android (android.graphics.Color)	4289635482 (0xFFAEA49A)
YUV	165.8500, -5.8420, 7.1476
Hunter-Lab	61.6215, -1.6742, 8.4532

Details

The CIELCh color **68, 6.734, 73.990** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 6.552, 256.983**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 7.002, 74.193**, and **48, 6.781, 70.713** is the 20% darker color. If you saturate the color by 10%, you get **65, 12.895, 72.805**, and if you desaturate by 10%, it is **71, 0.846, 74.869**.

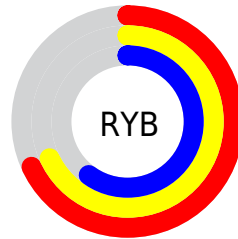
Distribution



Red (68%)

Green (64%)

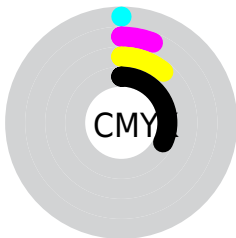
Blue (60%)



Red (68%)

Yellow (68%)

Blue (60%)

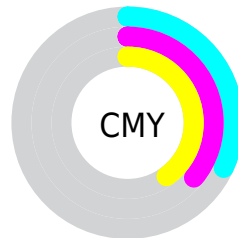


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 6.734, 73.990 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 68, 6.734, 73.990 by changing the saturation by 10% instead.

 68, 6.734, 73.990

 68, 6.734, 73.990

 100, 6.734, 73.990

 58, 6.734, 73.990

 88, 6.734, 73.990

 48, 6.734, 73.990

 98, 6.734, 73.990

 38, 6.734, 73.990

 28, 6.734, 73.990

 18, 6.734, 73.990

 8, 6.734, 73.990

 0, 6.734, 73.990

 68, 6.734, 73.990

 68, 6.734, 73.990

 65, 12.895, 72.805

 71, 0.846, 74.869

63, 19.346, 71.573

74, 4.794, 256.507

60, 26.091, 70.327

76, 10.212,
257.612

58, 33.106, 69.067

79, 15.430,
258.704

55, 40.311, 67.775

53, 47.515, 66.401

82, 20.472,
259.759

51, 54.327, 64.822

85, 23.795,
257.976

48, 60.053, 62.797

47, 63.991, 60.781

87, 21.943,
244.407

89, 21.439,
229.509

92, 22.330,
215.043

Harmonies

Complementary

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



68, 6.734, 73.990



67, 6.552, 256.983

Rectangle

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



68, 6.734, 73.990



68, 6.734, 123.990



68, 6.734, 253.990



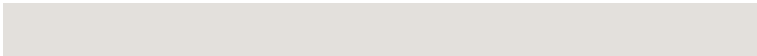
68, 6.734, 303.990

Sweetspot

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



68, 6.735, 74.008



89, 2.135, 74.885



66, 9.478, 344.568



48, 1.636, 74.829



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 6.735, 74.008



85, 10.247, 73.681



71, 10.871, 109.084



35, 3.291, 74.261



41, 57.318, 61.261



4, 6.500, 65.104

Inverse Universe

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



67, 6.552, 256.983



84, 9.891, 257.379



64, 11.158, 291.368



35, 3.222, 256.688



32, 47.967, 283.297



3, 7.383, 264.521

Previews

White Background



This preview shows how the CIELCh color 68, 6.734, 73.990 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 68, 6.734, 73.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

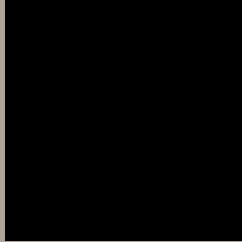
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

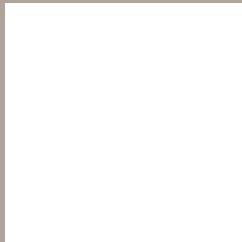
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 6.734, 73.990

Background



This preview shows how black text looks on a background with the CIELCh color 68, 6.734, 73.990.

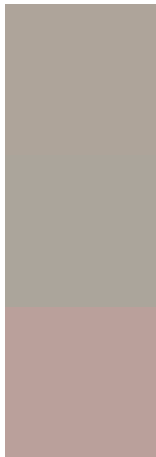


This preview shows how white text looks on a background with the CIELCh color 68, 6.734, 73.990.

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


68, 6.734, 73.990

Protanopia

68, 5.951, 86.449

Deuteranopia

68, 10.655, 35.092



Tritanopia
68, 9.395, 330.614

Trichromacy



Original Color
68, 6.734, 73.990

Protanomaly
68, 6.115, 83.057

Deuteranomaly
68, 8.776, 45.828

Tritanomaly
68, 6.027, 352.781

Monochromacy



Original Color
68, 6.734, 73.990

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.235, 66.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 6.734, 73.990 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(174, 164, 154)` looks like.

```
.text, #text, p{  
    color:rgb(174, 164, 154)  
}
```

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(174, 164, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 164, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 6.734, 73.990 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(174, 164, 154) }
```

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

```
.border{ border-color:rgb(174, 164, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 164, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 164, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 164, 154);  
box-shadow:4px 4px 4px 4px rgb(174, 164,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 6.734, 73.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 164, 154) }
```

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

```
.background{ background-color: rgb(174,  
164, 154) }
```

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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