

Converting Colors

CIELCh(67, 7.155, 74.777)

Have a look what the booklet for
CIELCh(67, 7.155, 74.777) contains.

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Color

CIELCh(67, 6.998, 71.320)

Conversions

Conversions Part 1

Format	Color
Hex	ACA197
RGB	172, 161, 151
RGB Percent	67%, 63%, 59%
CMY	0.3244, 0.3675, 0.4068
CMYK	0.00, 0.06, 0.12, 0.32
HSL	29°, 11%, 63%
HSV	29°, 12%, 68%
XYZ	35.4761, 36.6320, 34.5956
YIQ	163.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

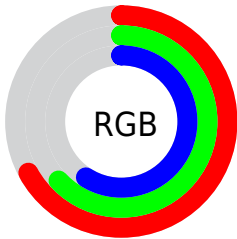
Format	Color
RYB	172, 170, 151
Decimal	11313559
CIELab	67.00, 2.24, 6.63
CIElCh	67, 6.998, 71.320
Yxy	36.6320, 0.3325, 0.3433
Android (android.graphics.Color)	4289503639 (0xFFACA197)
YUV	163.1490, -5.9895, 7.7623
Hunter-Lab	60.5244, -1.2906, 8.4770

Details

The CIELCh color $67, 6.998, 71.320$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 6.764, 254.425$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 7.022, 74.179$, and $47, 7.284, 73.439$ is the 20% darker color. If you saturate the color by 10%, you get $64, 13.064, 70.174$, and if you desaturate by 10%, it is $70, 1.224, 72.276$.

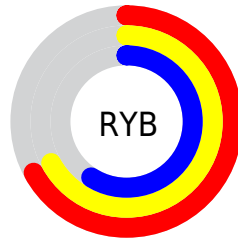
Distribution



Red (67%)

Green (63%)

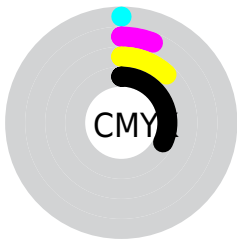
Blue (59%)



Red (67%)

Yellow (67%)

Blue (59%)

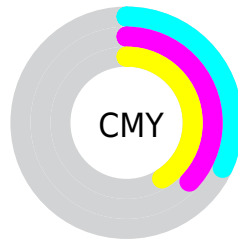


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (32%)



Cyan (32%)

Magenta (37%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 6.998, 71.320 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 67, 6.998, 71.320 by changing the saturation by 10% instead.

 67, 6.998, 71.320  67, 6.998, 71.320

 100, 6.998, 71.320  57, 6.998, 71.320

 87, 6.998, 71.320  47, 6.998, 71.320


 97, 6.998, 71.320  37, 6.998, 71.320

 27, 6.998, 71.320

 17, 6.998, 71.320

 7, 6.998, 71.320

 0, 6.998, 71.320

 67, 6.998, 71.320  67, 6.998, 71.320

 64, 13.064, 70.174  70, 1.224, 72.276

61, 19.440, 68.991

73, 4.287, 253.790

59, 26.136, 67.803

76, 9.560, 254.866

56, 33.131, 66.611

79, 14.623,
255.941

54, 40.346, 65.398

81, 19.501,
256.984

51, 47.597, 64.108

49, 54.487, 62.611

84, 24.214,
257.988

47, 60.305, 60.643

87, 22.417,
244.523

45, 64.110, 58.895

89, 21.889,
229.393

92, 22.826,
214.719

Harmonies

Complementary

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



67, 6.998, 71.320



66, 6.764, 254.425

Rectangle

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



67, 6.998, 71.320



67, 6.998, 121.320



67, 6.998, 251.320



67, 6.998, 301.320

Sweetspot

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



67, 6.998, 71.337



88, 2.786, 72.189



65, 10.206, 342.848



46, 1.982, 72.126



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 6.998, 71.337



84, 10.757, 70.984



70, 11.066, 107.627



35, 3.243, 71.661



40, 57.882, 59.343



4, 6.453, 62.590

Inverse Universe

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



66, 6.764, 254.425



83, 10.294, 254.863



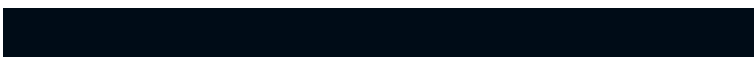
63, 11.355, 290.119



35, 3.164, 254.041



34, 45.739, 280.830



3, 7.239, 262.488

Previews

White Background



This preview shows how the CIELCh color 67, 6.998, 71.320 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 67, 6.998, 71.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

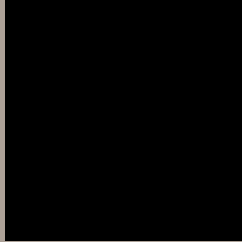
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

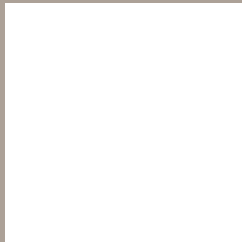
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 6.998, 71.320

Background



This preview shows how black text looks on a background with the CIELCh color 67, 6.998, 71.320.



This preview shows how white text looks on a background with the CIELCh color 67, 6.998, 71.320.

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

67, 6.998, 71.320

Protanopia

67, 6.137, 83.037

Deuteranopia

67, 10.698, 35.096



Tritanopia
67, 9.673, 332.378

Trichromacy



Original Color
67, 6.998, 71.320

Protanomaly
67, 6.322, 79.828

Deuteranomaly
67, 8.811, 45.820

Tritanomaly
67, 6.394, 354.423

Monochromacy



Original Color
67, 6.998, 71.320

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.242, 66.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 6.998, 71.320 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(172, 161, 151)` looks like.

```
.text, #text, p{  
    color:rgb(172, 161, 151)  
}
```

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(172, 161, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 161, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 6.998, 71.320 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(172, 161, 151) }
```

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

```
.border{ border-color:rgb(172, 161, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 161, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 161, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 161, 151);  
box-shadow:4px 4px 4px 4px rgb(172, 161,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 6.998, 71.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 161, 151) }
```

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

```
.background{ background-color: rgb(172,  
161, 151) }
```

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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