

Converting Colors

CIELCh(70, 9.988, 113.541)

Have a look what the booklet for
CIELCh(70, 9.988, 113.541) contains.

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Color

CIELCh(70, 10.378, 113.445)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | ABAD9A |
| RGB | 171, 173, 154 |
| RGB Percent | 67%, 68%, 60% |
| CMY | 0.3304, 0.3225, 0.3970 |
| CMYK | 0.01, 0.00, 0.11, 0.32 |
| HSL | 66°, 10%, 64% |
| HSV | 66°, 11%, 68% |
| XYZ | 37.4512, 40.7494, 36.3591 |
| YIQ | 170.2360, 4.9070, -6.3330 |

Conversions

Conversions Part 2

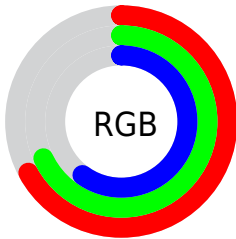
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 154, 173, 156 |
| Decimal | 11251098 |
| CIELab | 70.00, -4.13, 9.52 |
| CIELCh | 70, 10.378, 113.445 |
| Yxy | 40.7494, 0.3269, 0.3557 |
| Android (android.graphics.Color) | 4289441178 (0xFFABAD9A) |
| YUV | 170.2360, -8.0043, 0.6700 |
| Hunter-Lab | 63.8353, -6.9885, 10.9145 |

Details

The CIELCh color **70, 10.378, 113.445** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 10.638, 295.256**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 10.374, 113.395**, and **50, 10.490, 113.411** is the 20% darker color. If you saturate the color by 10%, you get **69, 19.760, 112.651**, and if you desaturate by 10%, it is **71, 0.934, 114.221**.

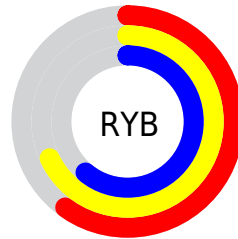
Distribution



Red (67%)

Green (68%)

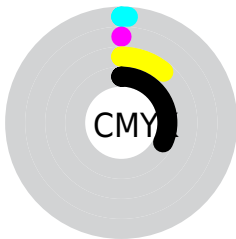
Blue (60%)



Red (60%)

Yellow (68%)

Blue (61%)

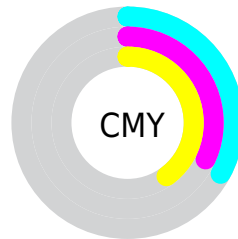


Cyan (1%)

Magenta (0%)

Yellow (11%)

Black (32%)



Cyan (33%)


Magenta (32%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 10.378, 113.445 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, 10.378, 113.445 by changing the saturation by 10% instead.


 70, 10.378,
113.445


 70, 10.378,
113.445


 100, 10.378,
113.445


 60, 10.378,
113.445


 90, 10.378,
113.445

 50, 10.378,
113.445

 40, 10.378,
113.445

 30, 10.378,
113.445

 20, 10.378,
113.445

 10, 10.378,
113.445

 0, 10.378, 113.445

70, 10.378,
113.445

70, 10.378,
113.445

69, 19.760,
112.651

71, 0.934, 114.221

69, 29.005,
111.853

71, 8.529, 295.014

69, 38.010,
111.079

72, 17.977,
295.750

68, 46.613,
110.360

73, 27.386,
296.454

68, 54.574,
109.737

73, 36.740,
297.120

68, 61.551,
109.265

74, 44.733,
297.763

67, 67.121,
109.008

74, 44.770,
298.483

67, 70.886,

74, 44.813,
299.206

109.030

■ 75, 44.862,
299.931

■ 67, 72.945,
109.256

Harmonies

Complementary

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



70, 10.378, 113.445



64, 10.638, 295.256

Rectangle

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



70, 10.378, 113.445



70, 10.378, 163.445



70, 10.378, 293.445



70, 10.378, 343.445

Sweetspot

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



70, 10.380, 113.452



89, 3.500, 114.075



66, 6.779, 28.828



47, 2.651, 114.015



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, 10.380, 113.452



88, 15.172, 113.274



69, 11.306, 132.035



37, 5.361, 113.586



59, 65.876, 109.187



7, 11.421, 116.056

Inverse Universe

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



64, 10.638, 295.256



80, 15.624, 295.465



65, 11.443, 312.928



34, 5.476, 295.102



17, 89.656, 306.712



1, 11.376, 293.559

Previews

White Background



This preview shows how the CIELCh color 70, 10.378, 113.445 looks on a white background.

Color Contrast Check

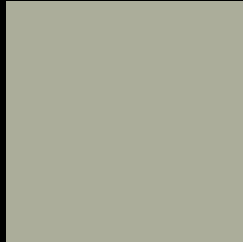
Large Text (above 18pt) WCAG AA × Fail

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, 10.378, 113.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

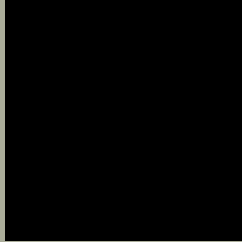
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

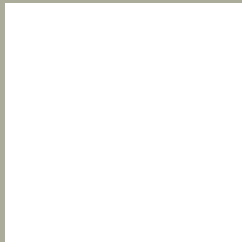
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 10.378, 113.445

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.378, 113.445.



This preview shows how white text looks on a background with the CIELCh color 70, 10.378, 113.445.

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, 10.378, 113.445

Protanopia

70, 9.785, 90.433

Deuteranopia

70, 12.440, 46.098



Tritanopia
70, 7.492, 308.026

Trichromacy



Original Color
70, 10.378, 113.445

Protanomaly
70, 9.929, 100.072

Deuteranomaly
70, 9.778, 66.062

Tritanomaly
70, 1.588, 335.587

Monochromacy



Original Color
70, 10.378, 113.445

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.841, 115.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.378, 113.445 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(171, 173, 154)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 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(171, 173, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.378, 113.445 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(171, 173, 154) }
```

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

```
.border{ border-color:rgb(171, 173, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 173, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 154);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.378, 113.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 154) }
```

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

```
.background{ background-color: rgb(171,  
173, 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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