

Converting Colors

CIELCh(70, 3.400, 136.876)

Have a look what the booklet for
CIELCh(70, 3.400, 136.876) contains.

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Color

CIELCh(70, 3.133, 138.745)

Conversions

Conversions Part 1

Format	Color
Hex	A8ACA7
RGB	168, 172, 167
RGB Percent	66%, 67%, 65%
CMY	0.3402, 0.3245, 0.3441
CMYK	0.02, 0.00, 0.03, 0.32
HSL	108°, 3%, 67%
HSV	108°, 3%, 68%
XYZ	37.9975, 40.7494, 42.5403
YIQ	170.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

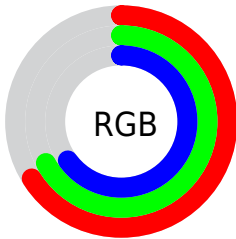
Format	Color
RYB	167, 172, 171
Decimal	11054247
CIELab	70.00, -2.36, 2.07
CIELCh	70, 3.133, 138.745
Yxy	40.7494, 0.3133, 0.3360
Android (android.graphics.Color)	4289244327 (0xFFA8ACA7)
YUV	170.2340, -1.5944, -1.9592
Hunter-Lab	63.8353, -5.4609, 5.1734

Details

The CIELCh color **70, 3.133, 138.745** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 3.155, 318.882**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 2.971, 138.792**, and **50, 3.350, 138.678** is the 20% darker color. If you saturate the color by 10%, you get **69, 14.028, 138.228**, and if you desaturate by 10%, it is **72, 7.624, 319.078**.

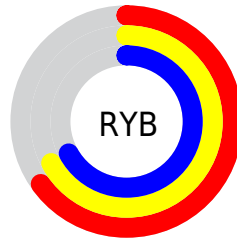
Distribution



Red (66%)

Green (67%)

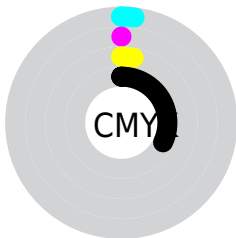
Blue (65%)



Red (65%)

Yellow (67%)

Blue (67%)

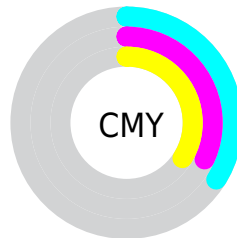


Cyan (2%)

Magenta (0%)

Yellow (3%)

Black (32%)



Cyan (34%)

Magenta (32%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 3.133, 138.745 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, 3.133, 138.745 by changing the saturation by 10% instead.

■ 70, 3.133, 138.745

■ 70, 3.133, 138.745

■ 100, 3.133,
138.745

■ 60, 3.133, 138.745

■ 90, 3.133, 138.745

■ 50, 3.133, 138.745

■ 40, 3.133, 138.745

■ 30, 3.133, 138.745

■ 20, 3.133, 138.745

■ 10, 3.133, 138.745

■ 0, 3.133, 138.745

■ 70, 3.133, 138.745

■ 70, 3.133, 138.745

■ 69, 14.028,

■ 72, 7.624, 319.078

138.228

73, 18.190,
319.449

67, 24.966,
137.682

75, 28.522,
319.758

66, 35.828,
137.077

77, 38.595,
320.021

65, 46.446,
136.425

79, 48.397,
320.244

64, 56.594,
135.752

80, 51.092,
324.789

63, 65.969,
135.116

81, 51.731,
326.210

63, 74.179,
134.605

62, 80.769,
134.341

62, 85.338,
134.438

Harmonies

Complementary

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



70, 3.133, 138.745



69, 3.155, 318.882

Rectangle

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



70, 3.133, 138.745



70, 3.133, 188.745



70, 3.133, 318.745



70, 3.133, 8.745

Sweetspot

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



70, 3.135, 138.749



89, 1.330, 138.943



70, 2.208, 100.019



47, 0.755, 138.956



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, 3.135, 138.749



89, 4.015, 138.740



70, 2.698, 154.206



37, 2.459, 138.700



54, 79.174, 134.499



6, 13.166, 139.907

Inverse Universe

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



69, 3.155, 318.882



88, 4.039, 318.892



69, 2.715, 334.368



36, 2.473, 318.931



30, 79.409, 320.821



2, 12.756, 316.601

Previews

White Background



This preview shows how the CIELCh color 70, 3.133, 138.745 looks on a white background.

Color Contrast Check

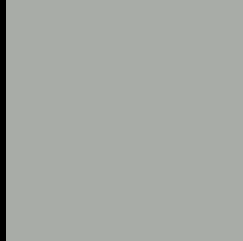
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 70, 3.133, 138.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

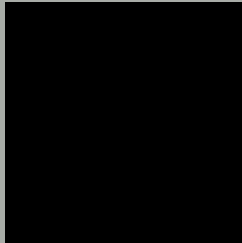
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

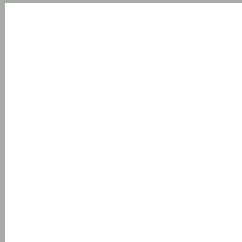
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 3.133, 138.745

Background



This preview shows how black text looks on a background with the CIELCh color 70, 3.133, 138.745.



This preview shows how white text looks on a background with the CIELCh color 70, 3.133, 138.745.

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, 3.133, 138.745

Protanopia

70, 2.885, 68.475

Deuteranopia

70, 9.107, 6.348



Tritanopia
70, 7.141, 293.826

Trichromacy



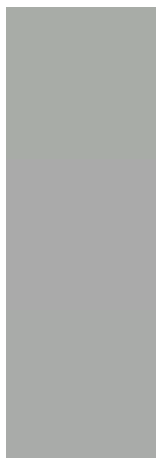
Original Color
70, 3.133, 138.745

Protanomaly
70, 2.821, 94.204

Deuteranomaly
70, 4.975, 19.744

Tritanomaly
70, 3.305, 284.093

Monochromacy



Original Color
70, 3.133, 138.745

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.329, 144.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 3.133, 138.745 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(168, 172, 167)` looks like.

```
.text, #text, p{  
    color:rgb(168, 172, 167)  
}
```

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(168, 172, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 172, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 3.133, 138.745 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(168, 172, 167) }
```

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

```
.border{ border-color:rgb(168, 172, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 172, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 172, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 172, 167);  
box-shadow:4px 4px 4px 4px rgb(168, 172,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 3.133, 138.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 172, 167) }
```

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

```
.background{ background-color: rgb(168,  
172, 167) }
```

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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