

Converting Colors

CIELCh(70, 5.179, 51.889)

Have a look what the booklet for
CIELCh(70, 5.179, 51.889) contains.

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Color

CIELCh(70, 5.032, 52.400)

Conversions

Conversions Part 1

Format	Color
Hex	B4A9A4
RGB	180, 169, 164
RGB Percent	71%, 66%, 64%
CMY	0.2942, 0.3373, 0.3569
CMYK	0.00, 0.06, 0.09, 0.29
HSL	19°, 10%, 67%
HSV	19°, 9%, 71%
XYZ	39.7015, 40.7494, 40.8856
YIQ	171.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

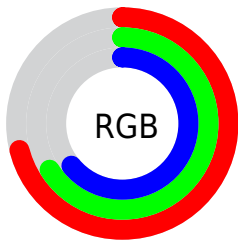
Format	Color
RYB	180, 171, 164
Decimal	11839908
CIELab	70.00, 3.07, 3.99
CIELCh	70, 5.032, 52.400
Yxy	40.7494, 0.3272, 0.3358
Android (android.graphics.Color)	4290029988 (0xFFB4A9A4)
YUV	171.7190, -3.8055, 7.2624
Hunter-Lab	63.8353, -0.6961, 6.7103

Details

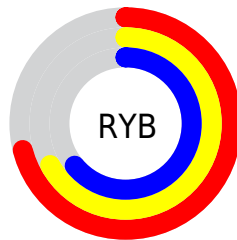
The CIELCh color **70, 5.032, 52.400** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 4.809, 233.931**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 5.065, 50.261**, and **50, 5.068, 54.741** is the 20% darker color. If you saturate the color by 10%, you get **66, 11.094, 51.821**, and if you desaturate by 10%, it is **74, 0.611, 233.971**.

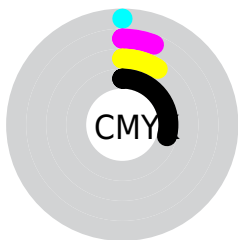
Distribution



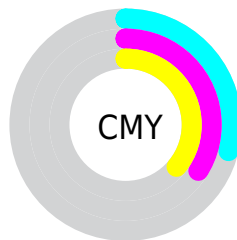
- Red (71%)
- Green (66%)
- Blue (64%)



- Red (71%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.032, 52.400 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, 5.032, 52.400 by changing the saturation by 10% instead.

 70, 5.032, 52.400

 70, 5.032, 52.400

 100, 5.032, 52.400

 60, 5.032, 52.400

 90, 5.032, 52.400

 50, 5.032, 52.400

 40, 5.032, 52.400

 30, 5.032, 52.400

 20, 5.032, 52.400

 10, 5.032, 52.400

 0, 5.032, 52.400

 70, 5.032, 52.400

 70, 5.032, 52.400

 66, 11.094, 51.821

 74, 0.611, 233.971

63, 17.617, 51.247

77, 5.879, 234.025

59, 24.635, 50.750

81, 10.814,
234.734

56, 32.161, 50.352

85, 15.458,
235.471

53, 40.166, 50.062

50, 48.539, 49.855

89, 19.845,
236.211

47, 56.998, 49.633

92, 20.875,
215.318

44, 64.909, 49.138

42, 71.491, 48.158

95, 23.992,
197.938

Harmonies

Complementary

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



70, 5.032, 52.400



71, 4.809, 233.931

Rectangle

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



70, 5.032, 52.400



70, 5.032, 102.400



70, 5.032, 232.400



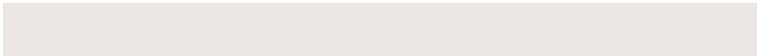
70, 5.032, 282.400

Sweetspot

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



70, 5.032, 52.425



92, 2.060, 52.648



69, 8.643, 334.849



48, 1.565, 52.649



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 5.032, 52.425



88, 7.788, 52.289



72, 7.038, 99.389



36, 3.189, 52.400



36, 63.786, 48.560



3, 7.614, 44.382

Inverse Universe

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



71, 4.809, 233.931



89, 7.346, 234.118



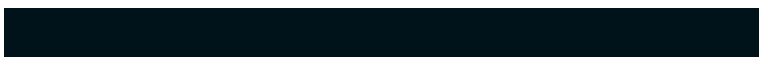
69, 7.115, 281.468



36, 3.040, 233.964



42, 33.887, 257.629



4, 7.639, 245.984

Previews

White Background



This preview shows how the CIELCh color 70, 5.032, 52.400 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, 5.032, 52.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

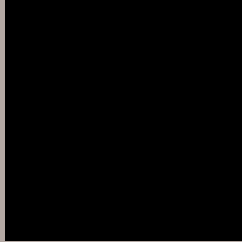
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

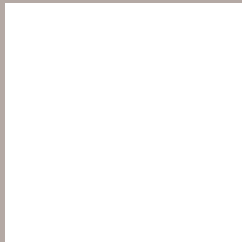
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 5.032, 52.400

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.032, 52.400.



This preview shows how white text looks on a background with the CIELCh color 70, 5.032, 52.400.

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, 5.032, 52.400

Protanopia

70, 3.552, 69.532

Deuteranopia

70, 9.707, 20.221



Tritanopia
70, 9.099, 328.757

Trichromacy



Original Color
70, 5.032, 52.400

Protanomaly
70, 3.812, 65.086

Deuteranomaly
70, 7.758, 24.043

Tritanomaly
70, 5.931, 346.319

Monochromacy



Original Color
70, 5.032, 52.400

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.857, 55.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.032, 52.400 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(180, 169, 164)` looks like.

```
.text, #text, p{  
    color:rgb(180, 169, 164)  
}
```

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(180, 169, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 169, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.032, 52.400 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(180, 169, 164) }
```

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

```
.border{ border-color:rgb(180, 169, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 169, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 169, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 169, 164);  
box-shadow:4px 4px 4px 4px rgb(180, 169,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.032, 52.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 169, 164) }
```

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

```
.background{ background-color: rgb(180,  
169, 164) }
```

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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