

Converting Colors

CIELCh(70, 8.964, 16.066)

Have a look what the booklet for
CIELCh(70, 8.964, 16.066) contains.

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Color

CIELCh(70, 8.902, 16.648)

Conversions

Conversions Part 1

Format	Color
Hex	BDA6A7
RGB	189, 166, 167
RGB Percent	74%, 65%, 65%
CMY	0.2598, 0.3500, 0.3461
CMYK	0.00, 0.12, 0.12, 0.26
HSL	357°, 15%, 70%
HSV	357°, 12%, 74%
XYZ	41.4665, 40.7494, 42.1189
YIQ	172.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

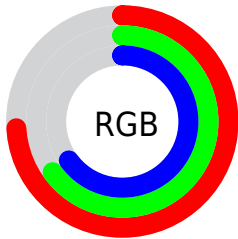
Format	Color
R _Y B	189, 166, 167
Decimal	12428967
CIE Lab	70.00, 8.53, 2.55
CIE LCh	70, 8.902, 16.648
Yxy	40.7494, 0.3335, 0.3277
Android (android.graphics.Color)	4290619047 (0xFFBDA6A7)
YUV	172.9910, -2.9536, 14.0399
Hunter-Lab	63.8353, 4.2393, 5.5648

Details

The CIELCh color $70, 8.902, 16.648$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 8.293, 195.076$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 8.775, 16.596$, and $50, 9.164, 16.822$ is the 20% darker color. If you saturate the color by 10%, you get $65, 16.800, 17.642$, and if you desaturate by 10%, it is $75, 1.537, 15.613$.

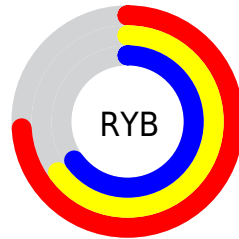
Distribution



Red (74%)

Green (65%)

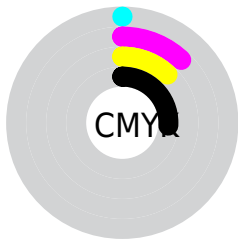
Blue (65%)



Red (74%)

Yellow (65%)

Blue (65%)

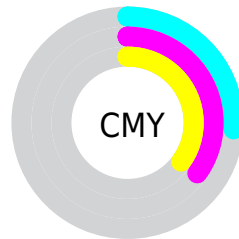


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (26%)



Cyan (26%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.902, 16.648 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, 8.902, 16.648 by changing the saturation by 10% instead.

70, 8.902, 16.648

70, 8.902, 16.648

100, 8.902, 16.648

60, 8.902, 16.648

90, 8.902, 16.648

50, 8.902, 16.648

40, 8.902, 16.648

30, 8.902, 16.648

20, 8.902, 16.648

10, 8.902, 16.648

0, 8.902, 16.648

70, 8.902, 16.648

70, 8.902, 16.648

65, 16.800, 17.642

75, 1.537, 15.613

60, 25.221, 18.861

81, 5.308, 195.431

55, 34.092, 20.414

86, 11.674,
194.866

51, 43.263, 22.409

92, 17.607,
194.424

47, 52.504, 24.963

44, 61.513, 28.162

96, 21.468,
198.095

41, 69.935, 31.950

40, 77.208, 35.905

39, 81.544, 38.320

Harmonies

Complementary

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



70, 8.902, 16.648



75, 8.293, 195.076

Rectangle

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



70, 8.902, 16.648



70, 8.902, 66.648



70, 8.902, 196.648



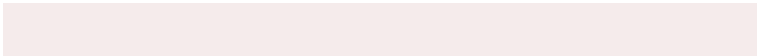
70, 8.902, 246.648

Sweetspot

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



70, 8.900, 16.659



94, 3.506, 15.904



71, 14.987, 323.706



49, 2.497, 15.987



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 8.900, 16.659



87, 13.690, 16.941



73, 7.432, 68.389



37, 4.098, 16.407



32, 71.138, 37.900



3, 12.270, 16.906

Inverse Universe

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



70, 8.900, 16.659



87, 13.690, 16.941



72, 7.145, 251.390



37, 4.098, 16.407



32, 71.138, 37.900



3, 12.270, 16.906

Previews

White Background



This preview shows how the CIELCh color 70, 8.902, 16.648 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, 8.902, 16.648 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, 8.902, 16.648

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.902, 16.648.



This preview shows how white text looks on a background with the CIELCh color 70, 8.902, 16.648.

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, 8.902, 16.648

Protanopia

70, 1.968, 35.414

Deuteranopia

70, 8.902, 16.648



Tritanopia
70, 12.153, 344.778

Trichromacy



Original Color
70, 8.902, 16.648

Protanomaly
70, 4.588, 19.701

Deuteranomaly
70, 8.902, 16.648

Tritanomaly
70, 10.501, 355.812

Monochromacy



Original Color
70, 8.902, 16.648

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 3.464, 10.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.902, 16.648 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(189, 166, 167)` looks like.

```
.text, #text, p{  
    color:rgb(189, 166, 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(189, 166, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 166, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.902, 16.648 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(189, 166, 167) }
```

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

```
.border{ border-color:rgb(189, 166, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 166, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 166, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 166, 167);  
box-shadow:4px 4px 4px 4px rgb(189, 166,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.902, 16.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 166, 167) }
```

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

```
.background{ background-color: rgb(189,  
166, 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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