

Converting Colors

CIELCh(70, 5.927, 18.373)

Have a look what the booklet for
CIELCh(70, 5.927, 18.373) contains.

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Color

CIELCh(70, 5.751, 19.825)

Conversions

Conversions Part 1

Format	Color
Hex	B7A8A8
RGB	183, 168, 168
RGB Percent	72%, 66%, 66%
CMY	0.2835, 0.3423, 0.3423
CMYK	0.00, 0.08, 0.08, 0.28
HSL	0°, 9%, 69%
HSV	0°, 8%, 72%
XYZ	40.4518, 40.7494, 42.6412
YIQ	172.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

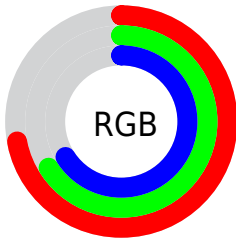
Format	Color
RYB	183, 168, 168
Decimal	12036264
CIELab	70.00, 5.41, 1.95
CIELCh	70, 5.751, 19.825
Yxy	40.7494, 0.3266, 0.3290
Android (android.graphics.Color)	4290226344 (0xFFB7A8A8)
YUV	172.4850, -2.2111, 9.2217
Hunter-Lab	63.8353, 1.4020, 5.0797

Details

The CIELCh color **70, 5.751, 19.825** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 5.464, 199.073**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 5.804, 19.714**, and **50, 5.766, 20.004** is the 20% darker color. If you saturate the color by 10%, you get **65, 13.264, 20.664**, and if you desaturate by 10%, it is **75, 1.207, 199.758**.

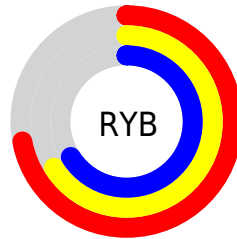
Distribution



Red (72%)

Green (66%)

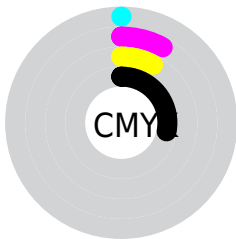
Blue (66%)



Red (72%)

Yellow (66%)

Blue (66%)

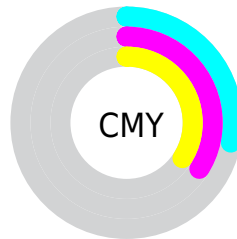


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.751, 19.825 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, 5.751, 19.825 by changing the saturation by 10% instead.

 70, 5.751, 19.825  70, 5.751, 19.825

 100, 5.751, 19.825  60, 5.751, 19.825

 90, 5.751, 19.825  50, 5.751, 19.825

 40, 5.751, 19.825

 30, 5.751, 19.825

 20, 5.751, 19.825

 10, 5.751, 19.825

 0, 5.751, 19.825

 70, 5.751, 19.825  70, 5.751, 19.825

 65, 13.264, 20.664  75, 1.207, 199.758

60, 21.348, 21.678

81, 7.644, 198.925

55, 29.970, 22.987

86, 13.611,
198.519

51, 39.033, 24.692

91, 19.158,
198.206

47, 48.357, 26.902

43, 57.670, 29.700

95, 23.216,
197.986

41, 66.594, 33.048

39, 74.486, 36.570

38, 80.337, 39.455

Harmonies

Complementary

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



70, 5.751, 19.825



73, 5.464, 199.073

Rectangle

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



70, 5.751, 19.825



70, 5.751, 69.825



70, 5.751, 199.825



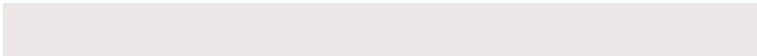
70, 5.751, 249.825

Sweetspot

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



70, 5.750, 19.842



92, 1.692, 19.173



70, 9.963, 324.862



50, 0.969, 19.147



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 5.750, 19.842



87, 8.727, 19.996



72, 4.965, 74.365



36, 4.003, 19.932



32, 71.868, 39.602



2, 10.636, 19.417

Inverse Universe

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



73, 5.464, 199.073



92, 8.190, 198.953



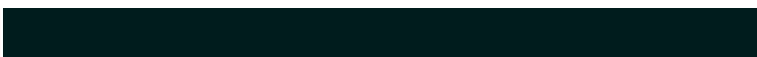
71, 4.876, 256.533



38, 3.776, 199.002



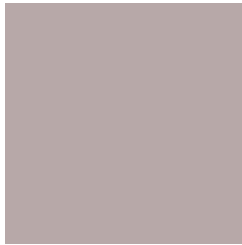
58, 34.634, 196.418



8, 10.515, 197.765

Previews

White Background



This preview shows how the CIELCh color 70, 5.751, 19.825 looks on a white background.

Color Contrast Check

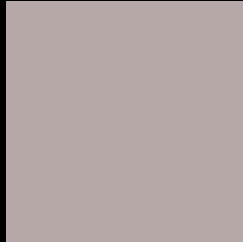
Large Text (above 18pt) WCAG AA × Fail

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, 5.751, 19.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

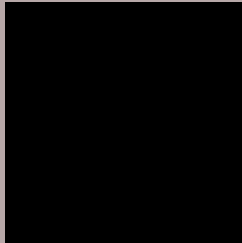
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 5.751, 19.825

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.751, 19.825.



This preview shows how white text looks on a background with the CIELCh color 70, 5.751, 19.825.

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, 5.751, 19.825

Protanopia

70, 1.968, 35.414

Deuteranopia

70, 8.933, 13.166



Tritanopia
70, 9.845, 334.019

Trichromacy



Original Color
70, 5.751, 19.825

Protanomaly
70, 3.426, 19.562

Deuteranomaly
70, 7.717, 15.990

Tritanomaly
70, 7.800, 346.001

Monochromacy



Original Color
70, 5.751, 19.825

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.275, 19.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.751, 19.825 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(183, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(183, 168, 168)  
}
```

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(183, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 168, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.751, 19.825 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(183, 168, 168) }
```

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

```
.border{ border-color:rgb(183, 168, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(183, 168,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.751, 19.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 168, 168) }
```

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

```
.background{ background-color: rgb(183,  
168, 168) }
```

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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