

Converting Colors

CIELCh(71, 5.620, 62.969)

Have a look what the booklet for
CIELCh(71, 5.620, 62.969) contains.

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Color

CIELCh(71, 5.690, 61.518)

Conversions

Conversions Part 1

Format	Color
Hex	B7ACA5
RGB	183, 172, 165
RGB Percent	72%, 67%, 65%
CMY	0.2831, 0.3262, 0.3537
CMYK	0.00, 0.06, 0.10, 0.28
HSL	23°, 11%, 68%
HSV	23°, 10%, 72%
XYZ	40.9747, 42.1875, 41.4918
YIQ	174.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

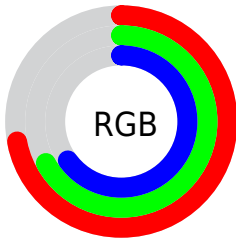
Format	Color
RYB	183, 176, 165
Decimal	12037285
CIELab	71.00, 2.71, 5.00
CIELCh	71, 5.690, 61.518
Yxy	42.1875, 0.3287, 0.3384
Android (android.graphics.Color)	4290227365 (0xFFB7ACA5)
YUV	174.4910, -4.6791, 7.4624
Hunter-Lab	64.9519, -1.0597, 7.5914

Details

The CIELCh color **71, 5.690, 61.518** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 5.465, 243.703**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 5.658, 59.214**, and **51, 5.808, 63.941** is the 20% darker color. If you saturate the color by 10%, you get **68, 11.845, 60.621**, and if you desaturate by 10%, it is **74, 0.093, 247.130**.

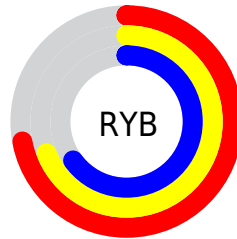
Distribution



Red (72%)

Green (67%)

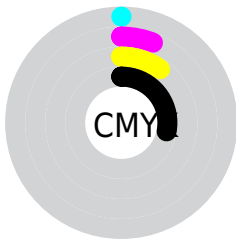
Blue (65%)



Red (72%)

Yellow (69%)

Blue (65%)

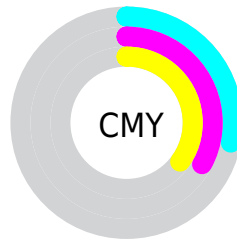


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.690, 61.518 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 71, 5.690, 61.518 by changing the saturation by 10% instead.

 71, 5.690, 61.518  71, 5.690, 61.518

 100, 5.690, 61.518  61, 5.690, 61.518

 91, 5.690, 61.518  51, 5.690, 61.518

 41, 5.690, 61.518

 31, 5.690, 61.518

 21, 5.690, 61.518

 11, 5.690, 61.518

 1, 5.690, 61.518

 0, 5.690, 61.518

 71, 5.690, 61.518  71, 5.690, 61.518

68, 11.845, 60.621

74, 0.093, 247.130

64, 18.408, 59.704

78, 5.542, 243.641

61, 25.404, 58.823

81, 10.696,
244.574

58, 32.838, 57.988

85, 15.590,
245.516

55, 40.668, 57.195

52, 48.756, 56.403

88, 19.839,
245.024

50, 56.775, 55.498

91, 19.531,
223.968

47, 64.042, 54.216

45, 70.008, 52.475

94, 21.634,
204.989

95, 23.188,
197.988

Harmonies

Complementary

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



71, 5.690, 61.518



71, 5.465, 243.703

Rectangle

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



71, 5.690, 61.518



71, 5.690, 111.518



71, 5.690, 241.518



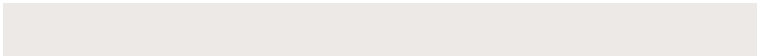
71, 5.690, 291.518

Sweetspot

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



71, 5.690, 61.540



93, 2.094, 62.030



69, 9.142, 338.551



49, 1.605, 62.003



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 5.690, 61.540



89, 8.635, 61.328



73, 8.614, 103.943



37, 3.281, 61.585



38, 61.969, 52.945



4, 8.740, 49.696

Inverse Universe

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



71, 5.465, 243.703



89, 8.203, 243.973



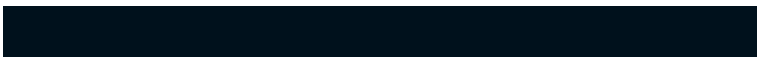
69, 8.762, 286.089



37, 3.159, 243.648



39, 39.445, 270.076



4, 9.235, 256.608

Previews

White Background



This preview shows how the CIELCh color 71, 5.690, 61.518 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 71, 5.690, 61.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

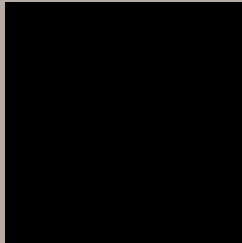
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

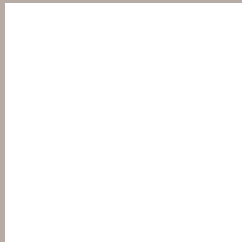
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 5.690, 61.518

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.690, 61.518.

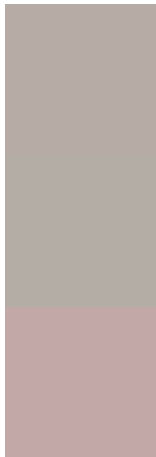


This preview shows how white text looks on a background with the CIELCh color 71, 5.690, 61.518.

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


71, 5.690, 61.518

Protanopia

71, 4.433, 78.503

Deuteranopia

71, 10.171, 26.340



Tritanopia
71, 9.316, 330.591

Trichromacy



Original Color
71, 5.690, 61.518

Protanomaly
71, 4.644, 74.414

Deuteranomaly
71, 8.301, 31.331

Tritanomaly
71, 6.238, 348.288

Monochromacy



Original Color
71, 5.690, 61.518

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.852, 55.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.690, 61.518 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, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(183, 172, 165)  
}
```

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, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 172, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.690, 61.518 is called "border". The border property can be set on classes, ids or directly on the HTML element.

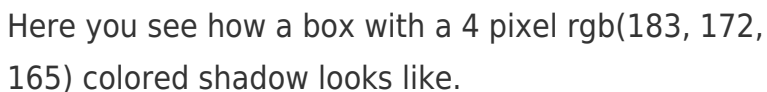
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 172, 165) }
```

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

```
.border{ border-color:rgb(183, 172, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 172, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 172, 165); box-shadow:4px 4px 4px 4px rgb(183, 172, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.690, 61.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 172, 165) }
```

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

```
.background{ background-color: rgb(183,  
172, 165) }
```

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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