

Converting Colors

CIELCh(71, 4.943, 3.072)

Have a look what the booklet for
CIELCh(71, 4.943, 3.072) contains.

CIELCh(71, 4.690, 6.303)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 4.690, 6.303)

Conversions

Conversions Part 1

Format	Color
Hex	B7ABAD
RGB	183, 171, 173
RGB Percent	72%, 67%, 68%
CMY	0.2825, 0.3296, 0.3217
CMYK	0.00, 0.07, 0.05, 0.28
HSL	350°, 8%, 69%
HSV	350°, 7%, 72%
XYZ	41.6120, 42.1875, 45.4636
YIQ	174.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

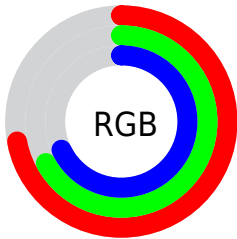
Format	Color
RYB	183, 171, 173
Decimal	12037037
CIELab	71.00, 4.66, 0.51
CIELCh	71, 4.690, 6.303
Yxy	42.1875, 0.3219, 0.3264
Android (android.graphics.Color)	4290227117 (0xFFB7ABAD)
YUV	174.8160, -0.8953, 7.1774
Hunter-Lab	64.9519, 0.6917, 3.9658

Details

The CIELCh color $71, 4.690, 6.303$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 4.556, 185.394$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 4.800, 7.188$, and $51, 4.621, 5.312$ is the 20% darker color. If you saturate the color by 10%, you get $66, 12.174, 7.393$, and if you desaturate by 10%, it is $76, 2.386, 185.770$.

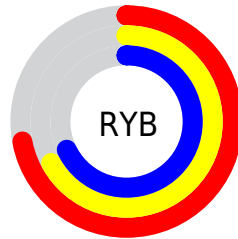
Distribution



Red (72%)

Green (67%)

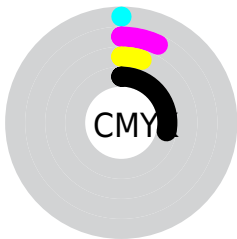
Blue (68%)



Red (72%)

Yellow (67%)

Blue (68%)

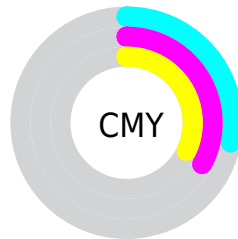


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 4.690, 6.303 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, 4.690, 6.303 by changing the saturation by 10% instead.

■ 71, 4.690, 6.303

■ 71, 4.690, 6.303

■ 100, 4.690, 6.303

■ 61, 4.690, 6.303

■ 91, 4.690, 6.303

■ 51, 4.690, 6.303

■ 41, 4.690, 6.303

■ 31, 4.690, 6.303

■ 21, 4.690, 6.303

■ 11, 4.690, 6.303

■ 1, 4.690, 6.303

■ 0, 4.690, 6.303

■ 71, 4.690, 6.303

■ 71, 4.690, 6.303

66, 12.174, 7.393

76, 2.386, 185.770

61, 20.045, 8.617

81, 9.054, 184.880

56, 28.226, 10.096

87, 15.339,
184.211

52, 36.573, 11.926

92, 21.270,
183.631

48, 44.864, 14.225

44, 52.807, 17.134

95, 23.683,
190.683

41, 60.105, 20.785

95, 23.145,
197.991

40, 66.558, 25.224

38, 72.144, 30.220

Harmonies

Complementary

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



71, 4.690, 6.303



73, 4.556, 185.394

Rectangle

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



71, 4.690, 6.303



71, 4.690, 56.303



71, 4.690, 186.303



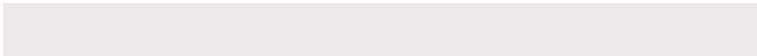
71, 4.690, 236.303

Sweetspot

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



71, 4.688, 6.320



93, 1.745, 5.681



71, 7.567, 320.065



50, 1.000, 5.653



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, 4.688, 6.320



89, 7.094, 6.488



72, 3.725, 55.063



36, 4.094, 6.615



32, 65.210, 31.103



2, 10.828, 9.392

Inverse Universe

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



71, 4.688, 6.320



89, 7.094, 6.488



72, 3.614, 236.379



36, 4.094, 6.615



32, 65.210, 31.103



2, 10.828, 9.392

Previews

White Background



This preview shows how the CIELCh color 71, 4.690, 6.303 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 71, 4.690, 6.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

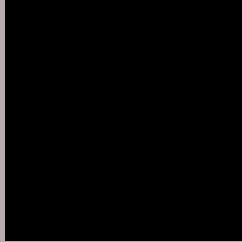
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

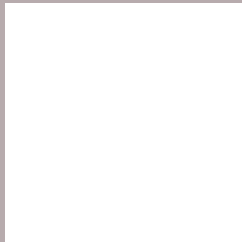
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 4.690, 6.303

Background



This preview shows how black text looks on a background with the CIELCh color 71, 4.690, 6.303.

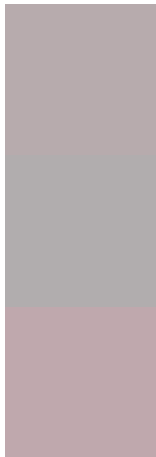


This preview shows how white text looks on a background with the CIELCh color 71, 4.690, 6.303.

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, 4.690, 6.303

Protanopia

71, 1.610, 359.442

Deuteranopia

71, 9.206, 3.033



Tritanopia
71, 9.511, 326.714

Trichromacy



Original Color

71, 4.690, 6.303

Protanomaly

71, 2.869, 357.159

Deuteranomaly

71, 7.571, 3.336

Tritanomaly

71, 7.222, 337.187

Monochromacy



Original Color

71, 4.690, 6.303

Achromatopsia

71, 0.009, 296.813

Achromatomaly

71, 1.507, 19.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 4.690, 6.303 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, 171, 173)` looks like.

```
.text, #text, p{  
    color:rgb(183, 171, 173)  
}
```

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, 171, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 171, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 4.690, 6.303 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, 171, 173) }
```

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

```
.border{ border-color:rgb(183, 171, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 171, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 171, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 171, 173);  
box-shadow:4px 4px 4px 4px rgb(183, 171,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 4.690, 6.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 171, 173) }
```

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

```
.background{ background-color: rgb(183,  
171, 173) }
```

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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