

Converting Colors

CIELCh(71, 5.093, 19.747)

Have a look what the booklet for
CIELCh(71, 5.093, 19.747) contains.

CIELCh(71, 4.958, 19.735)	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, 4.958, 19.735)

Conversions

Conversions Part 1

Format	Color
Hex	B8ABAB
RGB	184, 171, 171
RGB Percent	72%, 67%, 67%
CMY	0.2789, 0.3299, 0.3299
CMYK	0.00, 0.07, 0.07, 0.28
HSL	0°, 8%, 70%
HSV	0°, 7%, 72%
XYZ	41.6137, 42.1875, 44.4141
YIQ	174.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

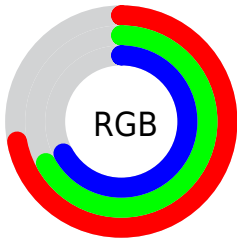
Format	Color
RYB	184, 171, 171
Decimal	12102571
CIELab	71.00, 4.67, 1.67
CIELCh	71, 4.958, 19.735
Yxy	42.1875, 0.3246, 0.3290
Android (android.graphics.Color)	4290292651 (0xFFB8ABAB)
YUV	174.8870, -1.9163, 7.9921
Hunter-Lab	64.9519, 0.6964, 4.9239

Details

The CIELCh color $71, 4.958, 19.735$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 4.744, 199.152$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 5.057, 19.640$, and $51, 4.906, 19.881$ is the 20% darker color. If you saturate the color by 10%, you get $66, 12.445, 20.568$, and if you desaturate by 10%, it is $76, 1.974, 199.538$.

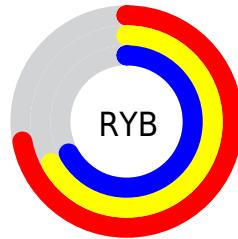
Distribution



Red (72%)

Green (67%)

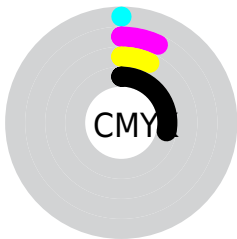
Blue (67%)



Red (72%)

Yellow (67%)

Blue (67%)

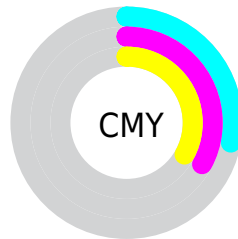


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 4.958, 19.735 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, 4.958, 19.735 by changing the saturation by 10% instead.

■ 71, 4.958, 19.735

■ 71, 4.958, 19.735

■ 100, 4.958, 19.735

■ 61, 4.958, 19.735

■ 91, 4.958, 19.735

■ 51, 4.958, 19.735

■ 41, 4.958, 19.735

■ 31, 4.958, 19.735

■ 21, 4.958, 19.735

■ 11, 4.958, 19.735

■ 1, 4.958, 19.735

■ 0, 4.958, 19.735

■ 71, 4.958, 19.735

■ 71, 4.958, 19.735

66, 12.445, 20.568

76, 1.974, 199.538

61, 20.506, 21.554

82, 8.388, 198.876

56, 29.115, 22.825

87, 14.334,
198.483

51, 38.183, 24.482

92, 19.864,
198.178

47, 47.538, 26.631

44, 56.916, 29.363

96, 22.883,
198.007

41, 65.953, 32.660

39, 74.051, 36.200

38, 80.082, 39.136

Harmonies

Complementary

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



71, 4.958, 19.735



74, 4.744, 199.152

Rectangle

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



71, 4.958, 19.735



71, 4.958, 69.735



71, 4.958, 199.735



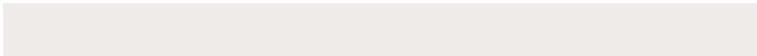
71, 4.958, 249.735

Sweetspot

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



71, 4.957, 19.755



93, 1.706, 19.177



71, 8.622, 324.797



50, 0.969, 19.150



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, 4.957, 19.755



89, 6.987, 19.840



73, 4.287, 74.491



36, 4.003, 19.935



32, 71.867, 39.602



2, 10.636, 19.420

Inverse Universe

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



74, 4.744, 199.152



93, 6.642, 199.081



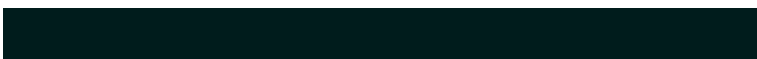
72, 4.225, 256.391



38, 3.776, 199.006



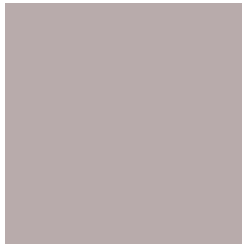
58, 34.632, 196.424



8, 10.514, 197.771

Previews

White Background



This preview shows how the CIELCh color 71, 4.958, 19.735 looks on a white background.

Color Contrast Check

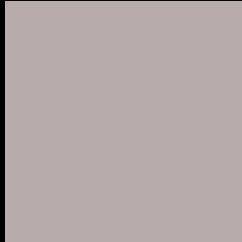
Large Text (above 18pt) WCAG AA × Fail

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, 4.958, 19.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

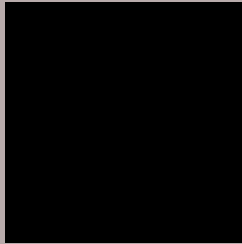
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

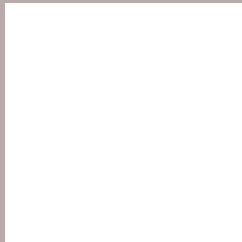
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 4.958, 19.735

Background



This preview shows how black text looks on a background with the CIELCh color 71, 4.958, 19.735.

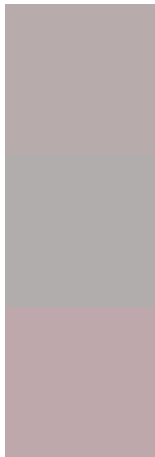


This preview shows how white text looks on a background with the CIELCh color 71, 4.958, 19.735.

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, 4.958, 19.735

Protanopia

71, 1.599, 39.110

Deuteranopia

71, 8.978, 9.710



Tritanopia
71, 9.561, 332.342

Trichromacy



Original Color
71, 4.958, 19.735

Protanomaly
71, 2.651, 19.447

Deuteranomaly
71, 7.357, 11.504

Tritanomaly
71, 7.161, 342.492

Monochromacy



Original Color
71, 4.958, 19.735

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.597, 39.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 4.958, 19.735 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(184, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(184, 171, 171)  
}
```

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(184, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 171, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 4.958, 19.735 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(184, 171, 171) }
```

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

```
.border{ border-color:rgb(184, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(184, 171,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 4.958, 19.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 171, 171) }
```

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

```
.background{ background-color: rgb(184,  
171, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor