

Converting Colors

CIELCh(71, 5.696, 48.456)

Have a look what the booklet for
CIELCh(71, 5.696, 48.456) contains.

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Color

CIELCh(71, 5.693, 48.194)

Conversions

Conversions Part 1

Format	Color
Hex	B8ABA6
RGB	184, 171, 166
RGB Percent	72%, 67%, 65%
CMY	0.2776, 0.3285, 0.3482
CMYK	0.00, 0.07, 0.10, 0.28
HSL	17°, 11%, 69%
HSV	17°, 10%, 72%
XYZ	41.3277, 42.1875, 42.1457
YIQ	174.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

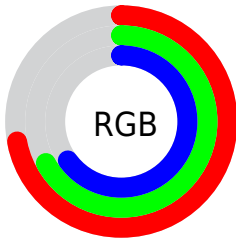
Format	Color
RYB	184, 173, 166
Decimal	12102566
CIELab	71.00, 3.80, 4.24
CIELCh	71, 5.693, 48.194
Yxy	42.1875, 0.3289, 0.3357
Android (android.graphics.Color)	4290292646 (0xFFB8ABA6)
YUV	174.3170, -4.1003, 8.4920
Hunter-Lab	64.9519, -0.0896, 6.9945

Details

The CIELCh color **71, 5.693, 48.194** is a light color, and the websafe version is hex **999999**. A complement of this color would be **72, 5.392, 229.557**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 5.703, 46.525**, and **51, 5.762, 49.996** is the 20% darker color. If you saturate the color by 10%, you get **67, 11.971, 47.775**, and if you desaturate by 10%, it is **75, 0.131, 232.562**.

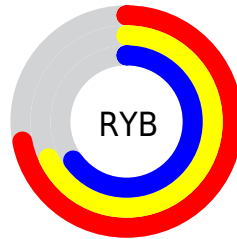
Distribution



Red (72%)

Green (67%)

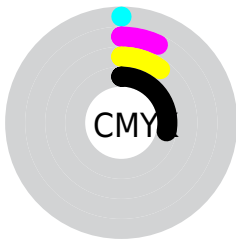
Blue (65%)



Red (72%)

Yellow (68%)

Blue (65%)

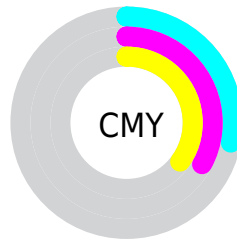


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.693, 48.194 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, 5.693, 48.194 by changing the saturation by 10% instead.

 71, 5.693, 48.194

 71, 5.693, 48.194

 100, 5.693, 48.194

 61, 5.693, 48.194

 91, 5.693, 48.194

 51, 5.693, 48.194

 41, 5.693, 48.194

 31, 5.693, 48.194

 21, 5.693, 48.194

 11, 5.693, 48.194

 1, 5.693, 48.194

 0, 5.693, 48.194

 71, 5.693, 48.194

 71, 5.693, 48.194

67, 11.971, 47.775

75, 0.131, 232.562

63, 18.750, 47.389

79, 5.545, 229.530

60, 26.060, 47.106

83, 10.598,
230.108

56, 33.914, 46.950

87, 15.332,
230.729

53, 42.274, 46.936

50, 51.014, 47.040

91, 19.082,
226.608

47, 59.821, 47.157

95, 21.525,
203.579

44, 67.985, 46.995

42, 74.760, 46.417

96, 22.782,
198.013

Harmonies

Complementary

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



71, 5.693, 48.194



72, 5.392, 229.557

Rectangle

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



71, 5.693, 48.194



71, 5.693, 98.194



71, 5.693, 228.194



71, 5.693, 278.194

Sweetspot

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



71, 5.693, 48.216



93, 2.108, 48.384



70, 9.924, 333.581



49, 1.602, 48.399



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, 5.693, 48.216



89, 8.737, 48.109



73, 7.619, 97.181



37, 3.285, 48.235



36, 65.792, 46.832



4, 9.001, 39.846

Inverse Universe

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



72, 5.392, 229.557



91, 8.154, 229.724



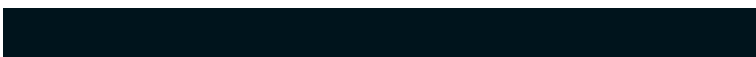
70, 7.688, 279.536



37, 3.120, 229.529



44, 32.593, 251.176



5, 8.598, 241.815

Previews

White Background



This preview shows how the CIELCh color 71, 5.693, 48.194 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, 5.693, 48.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

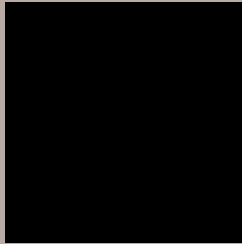
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 5.693, 48.194

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.693, 48.194.



This preview shows how white text looks on a background with the CIELCh color 71, 5.693, 48.194.

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, 5.693, 48.194

Protanopia

71, 3.767, 79.335

Deuteranopia

71, 9.708, 23.398



Tritanopia
71, 9.561, 332.342

Trichromacy



Original Color
71, 5.693, 48.194

Protanomaly
71, 4.083, 61.232

Deuteranomaly
71, 8.194, 27.644

Tritanomaly
71, 6.564, 350.076

Monochromacy



Original Color
71, 5.693, 48.194

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.850, 55.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.693, 48.194 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(184, 171, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 171, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.693, 48.194 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, 166) }
```

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

```
.border{ border-color:rgb(184, 171, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 171, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 171, 166);  
box-shadow:4px 4px 4px 4px rgb(184, 171,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.693, 48.194 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, 166) }
```

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

```
.background{ background-color: rgb(184,  
171, 166) }
```

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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