

Converting Colors

CIELCh(71, 6.843, 54.198)

Have a look what the booklet for
CIELCh(71, 6.843, 54.198) contains.

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Color

CIELCh(71, 6.948, 52.903)

Conversions

Conversions Part 1

Format	Color
Hex	BAABA4
RGB	186, 171, 164
RGB Percent	73%, 67%, 64%
CMY	0.2710, 0.3298, 0.3573
CMYK	0.00, 0.08, 0.12, 0.27
HSL	19°, 14%, 69%
HSV	19°, 12%, 73%
XYZ	41.4574, 42.1875, 41.0295
YIQ	174.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

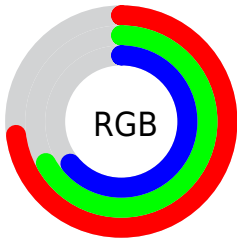
Format	Color
RYB	186, 174, 164
Decimal	12233636
CIELab	71.00, 4.19, 5.54
CIELCh	71, 6.948, 52.903
Yxy	42.1875, 0.3325, 0.3384
Android (android.graphics.Color)	4290423716 (0xFFBAABA4)
YUV	174.6870, -5.2687, 9.9215
Hunter-Lab	64.9519, 0.2668, 8.0134

Details

The CIELCh color $71, 6.948, 52.903$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 6.533, 234.904$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 6.870, 51.374$, and $51, 7.136, 54.466$ is the 20% darker color. If you saturate the color by 10%, you get $67, 13.301, 52.289$, and if you desaturate by 10%, it is $75, 1.036, 53.250$.

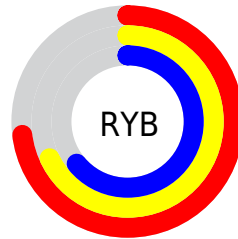
Distribution



Red (73%)

Green (67%)

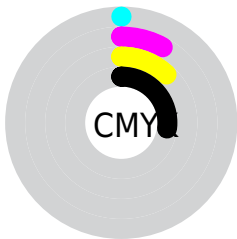
Blue (64%)



Red (73%)

Yellow (68%)

Blue (64%)

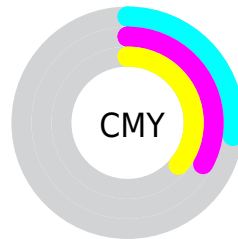


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.948, 52.903 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, 6.948, 52.903 by changing the saturation by 10% instead.

 71, 6.948, 52.903

 71, 6.948, 52.903

 100, 6.948, 52.903

 61, 6.948, 52.903

 91, 6.948, 52.903

 51, 6.948, 52.903

 41, 6.948, 52.903

 31, 6.948, 52.903

 21, 6.948, 52.903

 11, 6.948, 52.903

 1, 6.948, 52.903

 0, 6.948, 52.903

 71, 6.948, 52.903

 71, 6.948, 52.903

67, 13.301, 52.289

75, 1.036, 53.250

64, 20.135, 51.705

79, 4.481, 234.553

60, 27.481, 51.203

82, 9.646, 235.261

57, 35.342, 50.800

86, 14.502,
236.014

54, 43.668, 50.496

90, 18.599,
234.214

50, 52.303, 50.250

48, 60.869, 49.925

94, 19.972,
210.339

45, 68.548, 49.186

96, 22.300,
198.043

44, 73.836, 48.323

Harmonies

Complementary

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



71, 6.948, 52.903



72, 6.533, 234.904

Rectangle

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



71, 6.948, 52.903



71, 6.948, 102.903



71, 6.948, 232.903



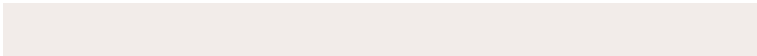
71, 6.948, 282.903

Sweetspot

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



71, 6.948, 52.922



94, 2.830, 53.338



70, 11.698, 335.759



50, 2.033, 53.315



98, 0.011, 296.813



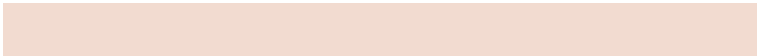
51, 0.007, 296.813

Same Dimension

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



71, 6.948, 52.922



89, 10.282, 52.769



74, 9.800, 100.059



37, 3.263, 53.078



36, 64.401, 48.803



4, 8.876, 43.332

Inverse Universe

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



72, 6.533, 234.904



90, 9.537, 235.130



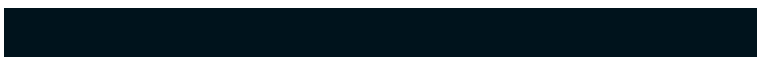
69, 9.947, 282.808



37, 3.112, 234.688



42, 34.643, 258.716



5, 8.769, 247.663

Previews

White Background



This preview shows how the CIELCh color 71, 6.948, 52.903 looks on a white background.

Color Contrast Check

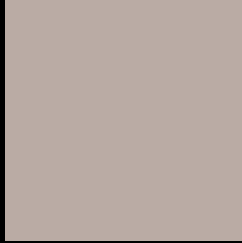
Large Text (above 18pt) WCAG AA × Fail

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, 6.948, 52.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

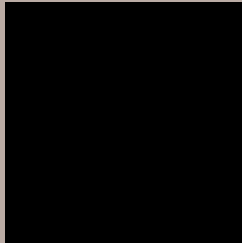
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 6.948, 52.903

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.948, 52.903.



This preview shows how white text looks on a background with the CIELCh color 71, 6.948, 52.903.

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, 6.948, 52.903

Protanopia

71, 4.909, 81.706

Deuteranopia

71, 10.392, 32.242



Tritanopia
71, 10.356, 337.108

Trichromacy



Original Color
71, 6.948, 52.903

Protanomaly
71, 5.405, 64.270

Deuteranomaly
71, 8.997, 37.581

Tritanomaly
71, 7.586, 354.533

Monochromacy



Original Color
71, 6.948, 52.903

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.487, 60.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.948, 52.903 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(186, 171, 164)` looks like.

```
.text, #text, p{  
    color:rgb(186, 171, 164)  
}
```

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(186, 171, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 171, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.948, 52.903 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(186, 171, 164) }
```

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

```
.border{ border-color:rgb(186, 171, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 171, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 171, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 171, 164);  
box-shadow:4px 4px 4px 4px rgb(186, 171,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.948, 52.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 171, 164) }
```

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

```
.background{ background-color: rgb(186,  
171, 164) }
```

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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