

Converting Colors

CIELCh(71, 13.942, 325.030)

Have a look what the booklet for
CIELCh(71, 13.942, 325.030)
contains.

CIELCh(71, 13.903, 325.031)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 13.903, 325.031)

Conversions

Conversions Part 1

Format	Color
Hex	BCA7BC
RGB	188, 167, 188
RGB Percent	74%, 65%, 74%
CMY	0.2611, 0.3434, 0.2611
CMYK	0.00, 0.11, 0.00, 0.26
HSL	300°, 14%, 70%
HSV	300°, 11%, 74%
XYZ	43.8648, 42.1875, 53.6512
YIQ	175.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

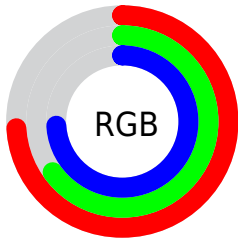
Format	Color
R_{YB}	188, 167, 188
Decimal	12363708
CIE _{Lab}	71.00, 11.39, -7.97
CIE _{LCh}	71, 13.903, 325.031
Yxy	42.1875, 0.3140, 0.3020
Android (android.graphics.Color)	4290553788 (0xFFBCA7BC)
YUV	175.6730, 6.0772, 10.8108
Hunter-Lab	64.9519, 6.8828, -3.5081

Details

The CIELCh color **71, 13.903, 325.031** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 13.883, 143.801**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.855, 324.918**, and **51, 14.093, 325.211** is the 20% darker color. If you saturate the color by 10%, you get **66, 26.454, 325.581**, and if you desaturate by 10%, it is **76, 1.428, 324.333**.

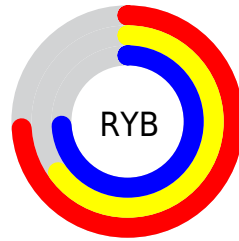
Distribution



Red (74%)

Green (65%)

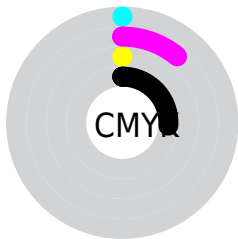
Blue (74%)



Red (74%)

Yellow (65%)

Blue (74%)

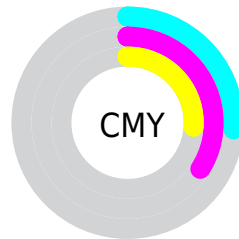


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 13.903, 325.031 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, 13.903, 325.031 by changing the saturation by 10% instead.


 71, 13.903,
325.031


 71, 13.903,
325.031


 100, 13.903,
325.031


 61, 13.903,
325.031


 91, 13.903,
325.031

 51, 13.903,
325.031

 41, 13.903,
325.031

 31, 13.903,
325.031

 21, 13.903,
325.031

 11, 13.903,
325.031

 1, 13.903, 325.031

71, 13.903,
325.031

71, 13.903,
325.031

66, 26.454,
325.581

76, 1.428, 324.333

62, 38.881,
326.113

81, 10.828,
143.995

58, 50.892,
326.616

86, 22.785,
143.466

54, 62.107,
327.074

91, 34.398,
142.966

51, 72.069,
327.470

94, 41.723,
142.657

48, 80.305,
327.791

94, 41.723,
142.658

■ 46, 86.419,
328.024

■ 94, 41.722,
142.658

■ 45, 90.224,
328.167

■ 94, 41.722,
142.658

■ 45, 92.055,
328.235

■ 94, 41.721,
142.659

Harmonies

Complementary

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



71, 13.903, 325.031



74, 13.883, 143.801

Rectangle

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



71, 13.903, 325.031



71, 13.903, 15.031



71, 13.903, 145.031



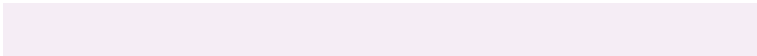
71, 13.903, 195.031

Sweetspot

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



71, 13.901, 325.031



95, 4.607, 324.544



69, 11.541, 291.337



50, 3.492, 324.601



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, 13.901, 325.031



89, 20.069, 325.146



71, 9.806, 344.543



37, 7.068, 324.930



37, 80.845, 328.235



3, 21.489, 325.462

Inverse Universe

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



71, 13.901, 325.031



89, 20.069, 325.146



75, 9.665, 162.759



37, 7.068, 324.930



37, 80.845, 328.235



3, 21.489, 325.462

Previews

White Background



This preview shows how the CIELCh color 71, 13.903, 325.031 looks on a white background.

Color Contrast Check

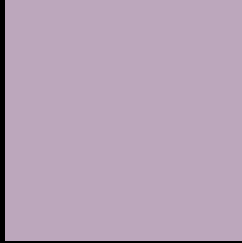
Large Text (above 18pt) WCAG AA × Fail

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, 13.903, 325.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

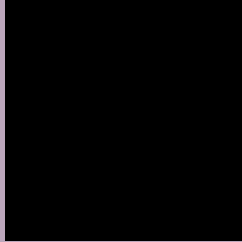
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 13.903, 325.031

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.903, 325.031.



This preview shows how white text looks on a background with the CIELCh color 71, 13.903, 325.031.

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, 13.903, 325.031

Protanopia

71, 10.378, 289.223

Deuteranopia

71, 11.813, 318.918



Tritanopia
71, 9.814, 334.009

Trichromacy



Original Color
71, 13.903, 325.031

Protanomaly
71, 11.263, 304.232

Deuteranomaly
71, 12.841, 322.209

Tritanomaly
71, 11.522, 331.159

Monochromacy



Original Color
71, 13.903, 325.031

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 5.314, 324.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.903, 325.031 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(188, 167, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 167, 188)  
}
```

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(188, 167, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 167, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.903, 325.031 is called "border". The border property can be set on classes, ids or directly on the HTML element.

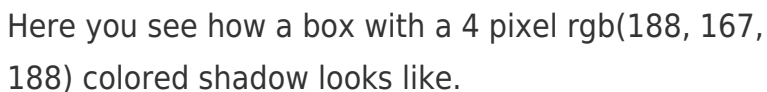
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 167, 188) }
```

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

```
.border{ border-color:rgb(188, 167, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 167, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 167, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 167, 188);  
box-shadow:4px 4px 4px 4px rgb(188, 167,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.903, 325.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 167, 188) }
```

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

```
.background{ background-color: rgb(188,  
167, 188) }
```

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