

Converting Colors

CIELCh(71, 13.083, 324.993)

Have a look what the booklet for
CIELCh(71, 13.083, 324.993)
contains.

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Color

CIELCh(71, 13.237, 325.001)

Conversions

Conversions Part 1

Format	Color
Hex	BCA8BC
RGB	188, 168, 188
RGB Percent	74%, 66%, 74%
CMY	0.2638, 0.3422, 0.2638
CMYK	0.00, 0.11, 0.00, 0.26
HSL	300°, 13%, 70%
HSV	300°, 11%, 74%
XYZ	43.6778, 42.1875, 53.2690
YIQ	176.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

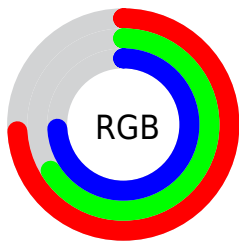
Format	Color
R_{YB}	188, 168, 188
Decimal	12363964
CIE _{Lab}	71.00, 10.84, -7.59
CIE _{LCh}	71, 13.237, 325.001
Yxy	42.1875, 0.3139, 0.3032
Android (android.graphics.Color)	4290554044 (0xFFBCA8BC)
YUV	176.2600, 5.7878, 10.2960
Hunter-Lab	64.9519, 6.3690, -3.1592

Details

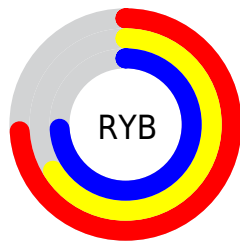
The CIELCh color **71, 13.237, 325.001** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 13.217, 143.833**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.222, 324.894**, and **51, 13.384, 325.172** is the 20% darker color. If you saturate the color by 10%, you get **66, 25.751, 325.552**, and if you desaturate by 10%, it is **76, 0.807, 324.173**.

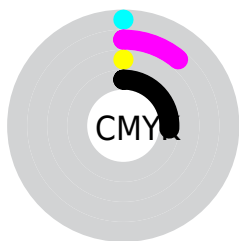
Distribution



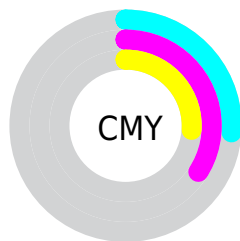
- Red (74%)
- Green (66%)
- Blue (74%)



- Red (74%)
- Yellow (66%)
- 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, 13.237, 325.001 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, 13.237, 325.001 by changing the saturation by 10% instead.


 71, 13.237,
325.001


 71, 13.237,
325.001


 100, 13.237,
325.001


 61, 13.237,
325.001


 91, 13.237,
325.001

 51, 13.237,
325.001

 41, 13.237,
325.001

 31, 13.237,
325.001

 21, 13.237,
325.001

 11, 13.237,
325.001

 1, 13.237, 325.001

0, 13.237, 325.001

71, 13.237,
325.001

71, 13.237,
325.001

66, 25.751,
325.552

76, 0.807, 324.173

62, 38.154,
326.085

81, 11.399,
143.966

58, 50.159,
326.589

86, 23.305,
143.439

54, 61.391,
327.050

91, 34.865,
142.941

51, 71.400,
327.450

94, 42.159,
142.632

48, 79.711,
327.774

94, 42.159,
142.632

■ 46, 85.924,
328.011

■ 94, 42.159,
142.632

■ 45, 89.838,
328.159

■ 94, 42.159,
142.632

■ 45, 91.806,
328.232

■ 94, 42.159,
142.632

Harmonies

Complementary

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



71, 13.237, 325.001



74, 13.217, 143.833

Rectangle

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



71, 13.237, 325.001



71, 13.237, 15.001



71, 13.237, 145.001



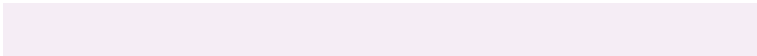
71, 13.237, 195.001

Sweetspot

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



71, 13.235, 325.001



95, 4.608, 324.542



69, 10.792, 290.626



50, 3.492, 324.599



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, 13.235, 325.001



89, 20.070, 325.144



71, 9.438, 343.597



37, 7.068, 324.928



37, 80.849, 328.232



3, 21.490, 325.460

Inverse Universe

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



70, 7.703, 20.019



88, 11.784, 20.224



74, 9.316, 161.929



37, 4.096, 19.917



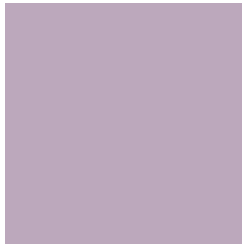
32, 72.803, 39.664



3, 12.251, 19.404

Previews

White Background



This preview shows how the CIELCh color 71, 13.237, 325.001 looks on a white background.

Color Contrast Check

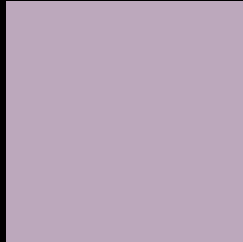
Large Text (above 18pt) WCAG AA × Fail

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, 13.237, 325.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

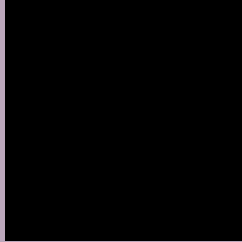
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 13.237, 325.001

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.237, 325.001.



This preview shows how white text looks on a background with the CIELCh color 71, 13.237, 325.001.

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, 13.237, 325.001

Protanopia

71, 9.833, 289.056

Deuteranopia

71, 11.813, 318.918



Tritanopia
71, 9.814, 334.009

Trichromacy



Original Color
71, 13.237, 325.001

Protanomaly
71, 10.732, 304.868

Deuteranomaly
71, 11.990, 320.496

Tritanomaly
71, 10.621, 329.941

Monochromacy



Original Color
71, 13.237, 325.001

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 4.653, 324.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.237, 325.001 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, 168, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 168, 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, 168, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 168, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.237, 325.001 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, 168, 188) }
```

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

```
.border{ border-color:rgb(188, 168, 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, 168, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 168, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 168, 188);  
box-shadow:4px 4px 4px 4px rgb(188, 168,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.237, 325.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 168, 188) }
```

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

```
.background{ background-color: rgb(188,  
168, 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](#).

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