

Converting Colors

CIELCh(71, 6.845, 324.718)

Have a look what the booklet for
CIELCh(71, 6.845, 324.718) contains.

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Color

CIELCh(71, 6.646, 324.705)

Conversions

Conversions Part 1

Format	Color
Hex	B5ABB5
RGB	181, 171, 181
RGB Percent	71%, 67%, 71%
CMY	0.2909, 0.3301, 0.2909
CMYK	0.00, 0.06, 0.00, 0.29
HSL	300°, 6%, 69%
HSV	300°, 6%, 71%
XYZ	41.8633, 42.1875, 49.5539
YIQ	175.1300, 2.7500, 5.2300

Conversions

Conversions Part 2

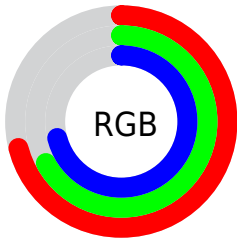
Format	Color
R_{YB}	181, 171, 181
Decimal	11905973
CIE Lab	71.00, 5.42, -3.84
CIE LCh	71, 6.646, 324.705
Yxy	42.1875, 0.3133, 0.3158
Android (android.graphics.Color)	4290096053 (0xFFB5ABB5)
YUV	175.1300, 2.8939, 5.1480
Hunter-Lab	64.9519, 1.3824, 0.2321

Details

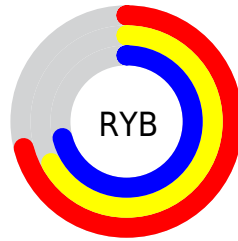
The CIELCh color **71, 6.646, 324.705** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 6.628, 144.167**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 6.948, 324.655**, and **51, 6.378, 324.782** is the 20% darker color. If you saturate the color by 10%, you get **66, 18.758, 325.270**, and if you desaturate by 10%, it is **76, 5.312, 144.249**.

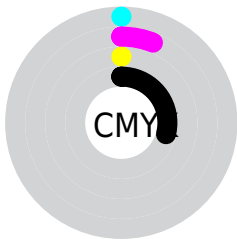
Distribution



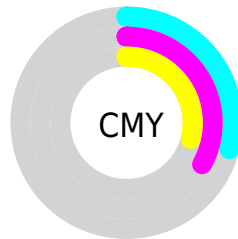
- Red (71%)
- Green (67%)
- Blue (71%)



- Red (71%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (29%)



- Cyan (29%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.646, 324.705 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, 6.646, 324.705 by changing the saturation by 10% instead.

■ 71, 6.646, 324.705

■ 71, 6.646, 324.705

■ 100, 6.646,
324.705

■ 61, 6.646, 324.705

■ 91, 6.646, 324.705

■ 51, 6.646, 324.705

■ 41, 6.646, 324.705

■ 31, 6.646, 324.705

■ 21, 6.646, 324.705

■ 11, 6.646, 324.705

■ 1, 6.646, 324.705

■ 0, 6.646, 324.705

■ 71, 6.646, 324.705

■ 71, 6.646, 324.705

66, 18.758,
325.270

76, 5.312, 144.249

62, 30.874,
325.811

81, 17.010,
143.694

58, 42.758,
326.331

86, 28.390,
143.184

54, 54.095,
326.815

90, 39.426,
142.700

51, 64.483,
327.248

94, 46.466,
142.398

48, 73.469,
327.613

94, 46.466,
142.398

46, 80.615,
327.897

94, 46.466,
142.398

44, 85.608,
328.092

94, 46.466,
142.398

43, 88.399,

94, 46.466,
142.398

Harmonies

Complementary

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



71, 6.646, 324.705



73, 6.628, 144.167

Rectangle

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



71, 6.646, 324.705



71, 6.646, 14.705



71, 6.646, 144.705



71, 6.646, 194.705

Sweetspot

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



71, 6.644, 324.705



92, 2.968, 324.454



70, 5.476, 290.733



49, 1.686, 324.443



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 6.644, 324.705



89, 10.406, 324.799



71, 4.670, 344.019



36, 5.395, 324.818



36, 78.927, 328.233



3, 16.262, 324.440

Inverse Universe

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



71, 6.644, 324.705



89, 10.406, 324.799



73, 4.628, 163.283



36, 5.395, 324.818



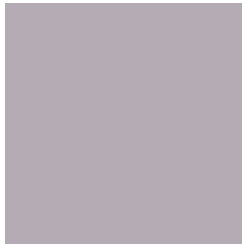
36, 78.927, 328.233



3, 16.262, 324.440

Previews

White Background



This preview shows how the CIELCh color 71, 6.646, 324.705 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, 6.646, 324.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

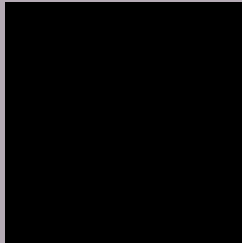
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

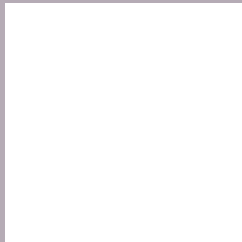
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 6.646, 324.705

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.646, 324.705.



This preview shows how white text looks on a background with the CIELCh color 71, 6.646, 324.705.

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, 6.646, 324.705

Protanopia

71, 4.939, 294.944

Deuteranopia

71, 9.433, 336.304



Tritanopia
71, 8.711, 318.688

Trichromacy



Original Color
71, 6.646, 324.705

Protanomaly
71, 5.685, 305.756

Deuteranomaly
71, 8.251, 333.464

Tritanomaly
71, 8.235, 320.470

Monochromacy



Original Color
71, 6.646, 324.705

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.667, 324.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.646, 324.705 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(181, 171, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 171, 181)  
}
```

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(181, 171, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 171, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.646, 324.705 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(181, 171, 181) }
```

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

```
.border{ border-color:rgb(181, 171, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 171, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 171, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 171, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 171,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.646, 324.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 171, 181) }
```

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

```
.background{ background-color: rgb(181,  
171, 181) }
```

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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