

Converting Colors

CIELCh(71, 7.607, 341.004)

Have a look what the booklet for
CIELCh(71, 7.607, 341.004) contains.

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Color

CIELCh(71, 7.161, 342.492)

Conversions

Conversions Part 1

Format	Color
Hex	B9AAB2
RGB	185, 170, 178
RGB Percent	73%, 67%, 70%
CMY	0.2752, 0.3340, 0.3026
CMYK	0.00, 0.08, 0.04, 0.28
HSL	328°, 10%, 70%
HSV	328°, 8%, 72%
XYZ	42.3288, 42.1875, 47.9427
YIQ	175.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

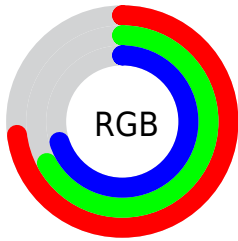
Format	Color
RYB	185, 170, 178
Decimal	12167858
CIELab	71.00, 6.83, -2.15
CIELCh	71, 7.161, 342.492
Yxy	42.1875, 0.3196, 0.3185
Android (android.graphics.Color)	4290357938 (0xFFB9AAB2)
YUV	175.3970, 1.2833, 8.4218
Hunter-Lab	64.9519, 2.6617, 1.7028

Details

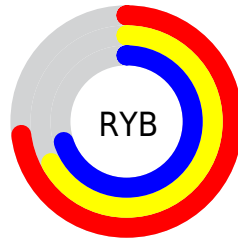
The CIELCh color $71, 7.161, 342.492$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 7.089, 161.306$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 7.407, 340.891$, and $51, 6.970, 344.465$ is the 20% darker color. If you saturate the color by 10%, you get $66, 16.145, 343.391$, and if you desaturate by 10%, it is $76, 1.636, 161.988$.

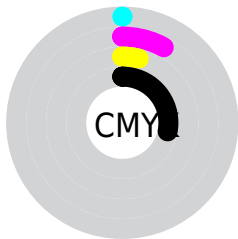
Distribution



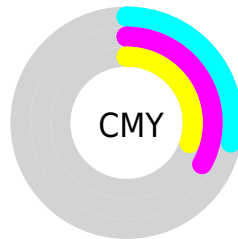
- Red (73%)
- Green (67%)
- Blue (70%)



- Red (73%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (28%)



- Cyan (28%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.161, 342.492 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, 7.161, 342.492 by changing the saturation by 10% instead.

■ 71, 7.161, 342.492

■ 71, 7.161, 342.492

■ 100, 7.161,
342.492

■ 61, 7.161, 342.492

■ 91, 7.161, 342.492

■ 51, 7.161, 342.492

■ 41, 7.161, 342.492

■ 31, 7.161, 342.492

■ 21, 7.161, 342.492

■ 11, 7.161, 342.492

■ 1, 7.161, 342.492

■ 0, 7.161, 342.492

■ 71, 7.161, 342.492

■ 71, 7.161, 342.492

66, 16.145,
343.391

76, 1.636, 161.988

61, 25.210,
344.360

81, 10.180,
161.074

57, 34.176,
345.446

86, 18.444,
160.391

53, 42.770,
346.691

92, 26.423,
159.766

49, 50.627,
348.152

95, 29.982,
161.896

46, 57.303,
349.914

95, 27.301,
169.097

43, 62.352,
352.091

95, 25.080,
177.666

41, 65.471,
354.826

95, 23.461,
187.612

40, 66.804,

96, 22.607,
198.024

358.212

Harmonies

Complementary

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



71, 7.161, 342.492



74, 7.089, 161.306

Rectangle

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



71, 7.161, 342.492



71, 7.161, 32.492



71, 7.161, 162.492



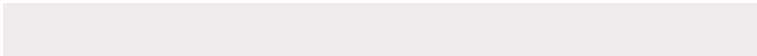
71, 7.161, 212.492

Sweetspot

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



71, 7.159, 342.497



93, 2.169, 341.853



71, 8.636, 308.253



50, 1.232, 341.833



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, 7.159, 342.497



88, 10.925, 342.678



71, 5.738, 17.109



36, 4.979, 342.605



33, 59.094, 358.312



3, 12.449, 348.875

Inverse Universe

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



71, 7.159, 342.497



88, 10.925, 342.678



74, 5.472, 196.218



36, 4.979, 342.605



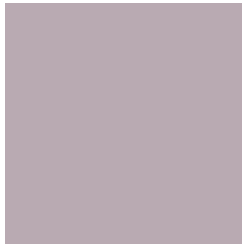
33, 59.094, 358.312



3, 12.449, 348.875

Previews

White Background



This preview shows how the CIELCh color 71, 7.161, 342.492 looks on a white background.

Color Contrast Check

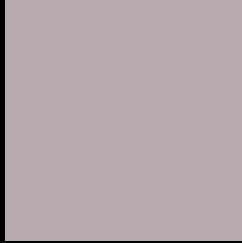
Large Text (above 18pt) WCAG AA × Fail

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, 7.161, 342.492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

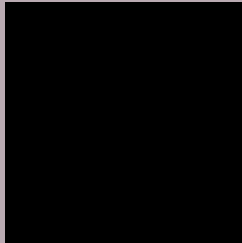
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

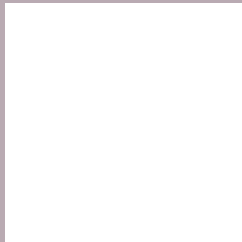
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 7.161, 342.492

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.161, 342.492.



This preview shows how white text looks on a background with the CIELCh color 71, 7.161, 342.492.

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, 7.161, 342.492

Protanopia

71, 3.909, 301.479

Deuteranopia

71, 9.645, 345.862



Tritanopia
71, 9.316, 330.591

Trichromacy



Original Color
71, 7.161, 342.492

Protanomaly
71, 4.658, 324.602

Deuteranomaly
71, 8.399, 344.403

Tritanomaly
71, 8.521, 335.348

Monochromacy



Original Color
71, 7.161, 342.492

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.803, 343.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.161, 342.492 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(185, 170, 178)` looks like.

```
.text, #text, p{  
    color:rgb(185, 170, 178)  
}
```

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(185, 170, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 170, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.161, 342.492 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(185, 170, 178) }
```

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

```
.border{ border-color:rgb(185, 170, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 170, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 170, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 170, 178);  
box-shadow:4px 4px 4px 4px rgb(185, 170,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.161, 342.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 170, 178) }
```

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

```
.background{ background-color: rgb(185,  
170, 178) }
```

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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