

Converting Colors

CIELCh(71, 4.082, 351.910)

Have a look what the booklet for
CIELCh(71, 4.082, 351.910) contains.

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Color

CIELCh(71, 4.377, 349.807)

Conversions

Conversions Part 1

Format	Color
Hex	B5ABAF
RGB	181, 171, 175
RGB Percent	71%, 67%, 69%
CMY	0.2891, 0.3284, 0.3127
CMYK	0.00, 0.06, 0.03, 0.29
HSL	336°, 6%, 69%
HSV	336°, 6%, 71%
XYZ	41.4958, 42.1875, 46.6503
YIQ	174.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

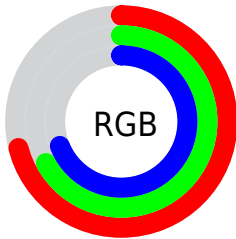
Format	Color
RYB	181, 171, 175
Decimal	11905967
CIELab	71.00, 4.31, -0.77
CIELCh	71, 4.377, 349.807
Yxy	42.1875, 0.3184, 0.3237
Android (android.graphics.Color)	4290096047 (0xFFB5ABAF)
YUV	174.4460, 0.2731, 5.7479
Hunter-Lab	64.9519, 0.3724, 2.8826

Details

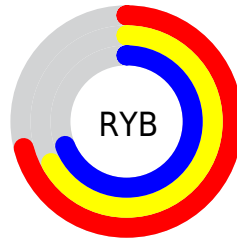
The CIELCh color $71, 4.377, 349.807$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 4.321, 169.041$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 4.472, 352.012$, and $51, 4.325, 347.272$ is the 20% darker color. If you saturate the color by 10%, you get $66, 12.492, 350.839$, and if you desaturate by 10%, it is $76, 3.482, 169.175$.

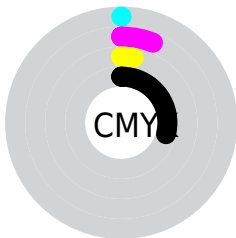
Distribution



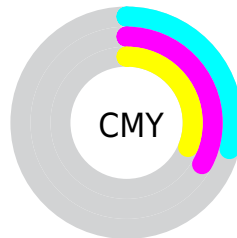
- Red (71%)
- Green (67%)
- Blue (69%)



- Red (71%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (29%)



- Cyan (29%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 4.377, 349.807 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, 4.377, 349.807 by changing the saturation by 10% instead.

■ 71, 4.377, 349.807

■ 71, 4.377, 349.807

■ 100, 4.377,
349.807

■ 61, 4.377, 349.807

■ 91, 4.377, 349.807

■ 51, 4.377, 349.807

■ 41, 4.377, 349.807

■ 31, 4.377, 349.807

■ 21, 4.377, 349.807

■ 11, 4.377, 349.807

■ 1, 4.377, 349.807

■ 0, 4.377, 349.807

■ 71, 4.377, 349.807

■ 71, 4.377, 349.807

66, 12.492,
350.839

76, 3.482, 169.175

61, 20.798,
351.943

81, 11.046,
168.323

57, 29.162,
353.210

86, 18.310,
167.608

52, 37.376,
354.703

91, 25.281,
166.962

48, 45.140,
356.503

95, 28.244,
170.135

45, 52.073,
358.727

95, 25.591,
180.858

42, 57.773, 1.523

95, 23.921,
193.496

40, 61.946, 5.066

95, 23.627,
197.961

39, 64.593, 9.494

Harmonies

Complementary

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



71, 4.377, 349.807



73, 4.321, 169.041

Rectangle

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



71, 4.377, 349.807



71, 4.377, 39.807



71, 4.377, 169.807



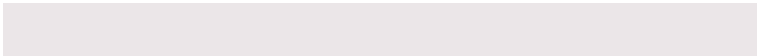
71, 4.377, 219.807

Sweetspot

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



71, 4.375, 349.818



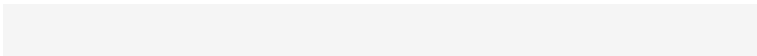
92, 1.948, 349.348



71, 5.932, 312.685



49, 1.107, 349.324



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, 4.375, 349.818



89, 6.862, 349.985



71, 3.459, 28.589



37, 3.643, 350.022



33, 58.554, 10.926



2, 11.622, 356.421

Inverse Universe

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



71, 4.375, 349.818



89, 6.862, 349.985



73, 3.342, 208.657



37, 3.643, 350.022



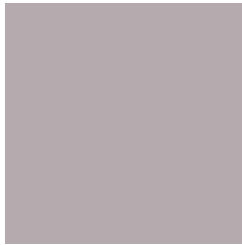
33, 58.554, 10.926



2, 11.622, 356.421

Previews

White Background



This preview shows how the CIELCh color 71, 4.377, 349.807 looks on a white background.

Color Contrast Check

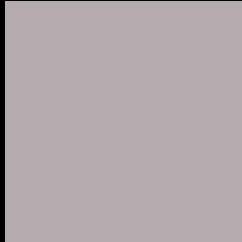
Large Text (above 18pt) WCAG AA × Fail

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, 4.377, 349.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

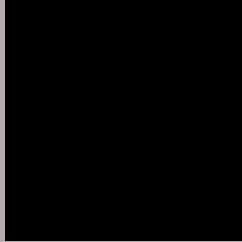
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

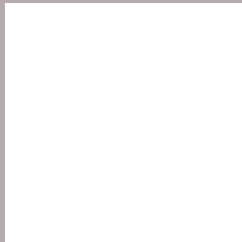
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 4.377, 349.807

Background



This preview shows how black text looks on a background with the CIELCh color 71, 4.377, 349.807.

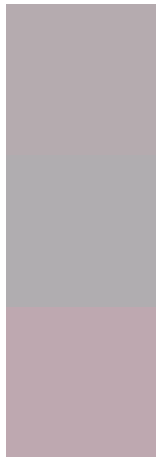


This preview shows how white text looks on a background with the CIELCh color 71, 4.377, 349.807.

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, 4.377, 349.807

Protanopia

71, 2.003, 324.417

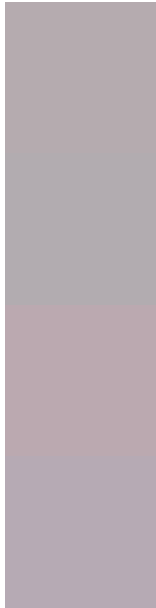
Deuteranopia

71, 9.431, 352.739



Tritanopia
71, 8.426, 322.682

Trichromacy



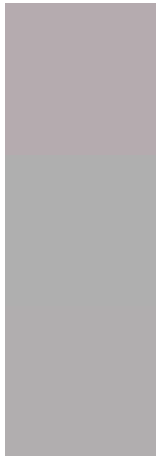
Original Color
71, 4.377, 349.807

Protanomaly
71, 3.158, 335.796

Deuteranomaly
71, 7.828, 350.923

Tritanomaly
71, 7.103, 329.745

Monochromacy



Original Color
71, 4.377, 349.807

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.261, 353.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 4.377, 349.807 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(181, 171, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 171, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 4.377, 349.807 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, 175) }
```

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

```
.border{ border-color:rgb(181, 171, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 171, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 171, 175);  
box-shadow:4px 4px 4px 4px rgb(181, 171,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 4.377, 349.807 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, 175) }
```

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

```
.background{ background-color: rgb(181,  
171, 175) }
```

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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