

Converting Colors

CIELCh(71, 7.606, 323.931)

Have a look what the booklet for
CIELCh(71, 7.606, 323.931) contains.

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Color

CIELCh(71, 7.972, 324.769)

Conversions

Conversions Part 1

Format	Color
Hex	B6AAB6
RGB	182, 170, 182
RGB Percent	71%, 67%, 71%
CMY	0.2854, 0.3325, 0.2854
CMYK	0.00, 0.07, 0.00, 0.29
HSL	300°, 8%, 69%
HSV	300°, 7%, 71%
XYZ	42.2233, 42.1875, 50.2908
YIQ	174.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

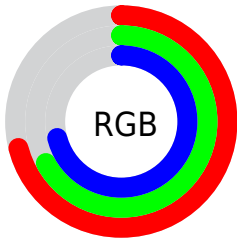
Format	Color
R_{YB}	182, 170, 182
Decimal	11971254
CIE Lab	71.00, 6.51, -4.60
CIE LCh	71, 7.972, 324.769
Yxy	42.1875, 0.3135, 0.3132
Android (android.graphics.Color)	4290161334 (0xFFB6AAB6)
YUV	174.9560, 3.4727, 6.1776
Hunter-Lab	64.9519, 2.3717, -0.4406

Details

The CIELCh color $71, 7.972, 324.769$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 7.953, 144.099$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 8.208, 324.707$, and $51, 7.791, 324.866$ is the 20% darker color. If you saturate the color by 10%, you get $66, 20.169, 325.329$, and if you desaturate by 10%, it is $76, 4.084, 144.320$.

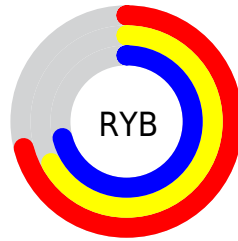
Distribution



Red (71%)

Green (67%)

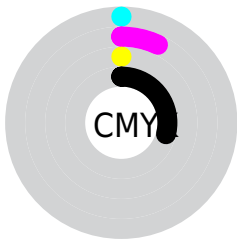
Blue (71%)



Red (71%)

Yellow (67%)

Blue (71%)

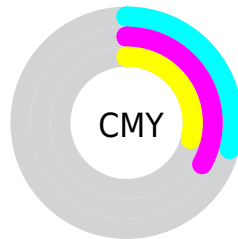


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.972, 324.769 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, 7.972, 324.769 by changing the saturation by 10% instead.

■ 71, 7.972, 324.769

■ 71, 7.972, 324.769

■ 100, 7.972,
324.769

■ 61, 7.972, 324.769

■ 91, 7.972, 324.769

■ 51, 7.972, 324.769

■ 41, 7.972, 324.769

■ 31, 7.972, 324.769

■ 21, 7.972, 324.769

■ 11, 7.972, 324.769

■ 1, 7.972, 324.769

■ 0, 7.972, 324.769

■ 71, 7.972, 324.769

■ 71, 7.972, 324.769

66, 20.169,
325.329

76, 4.084, 144.320

62, 32.348,
325.869

81, 15.886,
143.750

58, 44.265,
326.386

86, 27.373,
143.237

54, 55.591,
326.866

91, 38.515,
142.750

51, 65.914,
327.292

94, 45.596,
142.447

48, 74.774,
327.649

94, 45.596,
142.447

46, 81.739,
327.924

94, 45.595,
142.448

44, 86.515,
328.109

94, 45.595,
142.448

43, 89.120,

94, 45.595,
142.448

Harmonies

Complementary

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



71, 7.972, 324.769



73, 7.953, 144.099

Rectangle

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



71, 7.972, 324.769



71, 7.972, 14.769



71, 7.972, 144.769



71, 7.972, 194.769

Sweetspot

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



71, 7.970, 324.769



93, 2.994, 324.455



70, 6.577, 290.841



50, 1.716, 324.444



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, 7.970, 324.769



89, 12.005, 324.859



71, 5.606, 344.121



36, 6.910, 324.927



37, 79.887, 328.234



3, 18.823, 324.745

Inverse Universe

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



71, 7.970, 324.769



89, 12.005, 324.859



73, 5.551, 163.182



36, 6.910, 324.927



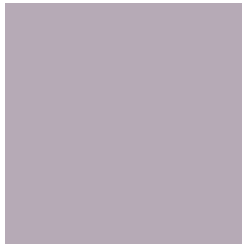
37, 79.887, 328.234



3, 18.823, 324.745

Previews

White Background



This preview shows how the CIELCh color 71, 7.972, 324.769 looks on a white background.

Color Contrast Check

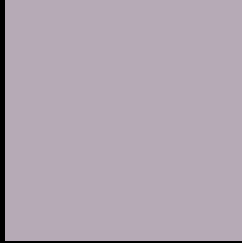
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIElCh color 71, 7.972, 324.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

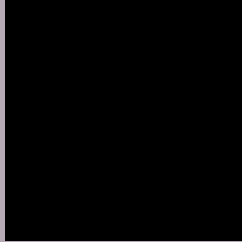
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

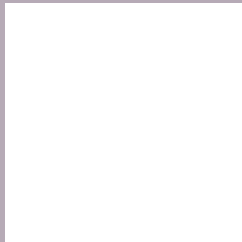
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 7.972, 324.769

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.972, 324.769.



This preview shows how white text looks on a background with the CIELCh color 71, 7.972, 324.769.

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, 7.972, 324.769

Protanopia

71, 6.028, 294.259

Deuteranopia

71, 10.211, 331.892



Tritanopia
71, 8.426, 322.682

Trichromacy



Original Color
71, 7.972, 324.769

Protanomaly
71, 6.315, 307.724

Deuteranomaly
71, 9.735, 328.517

Tritanomaly
71, 8.426, 322.682

Monochromacy



Original Color
71, 7.972, 324.769

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.330, 324.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.972, 324.769 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(182, 170, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 182)  
}
```

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(182, 170, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.972, 324.769 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(182, 170, 182) }
```

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

```
.border{ border-color:rgb(182, 170, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 170, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 170, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 170, 182);  
box-shadow:4px 4px 4px 4px rgb(182, 170,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.972, 324.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 170, 182) }
```

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

```
.background{ background-color: rgb(182,  
170, 182) }
```

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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