

Converting Colors

CIELCh(71, 6.324, 324.227)

Have a look what the booklet for
CIELCh(71, 6.324, 324.227) contains.

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Color

CIELCh(71, 6.443, 321.945)

Conversions

Conversions Part 1

Format	Color
Hex	B4ABB5
RGB	180, 171, 181
RGB Percent	71%, 67%, 71%
CMY	0.2939, 0.3292, 0.2900
CMYK	0.01, 0.06, 0.00, 0.29
HSL	294°, 6%, 69%
HSV	294°, 6%, 71%
XYZ	41.7475, 42.1875, 49.6812
YIQ	174.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

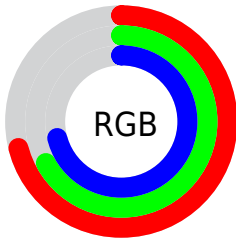
Format	Color
RYB	180, 171, 181
Decimal	11840437
CIELab	71.00, 5.07, -3.97
CIELCh	71, 6.443, 321.945
Yxy	42.1875, 0.3124, 0.3157
Android (android.graphics.Color)	4290030517 (0xFFB4ABB5)
YUV	174.8310, 3.0413, 4.5332
Hunter-Lab	64.9519, 1.0642, 0.1159

Details

The CIELCh color **71, 6.443, 321.945** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 6.418, 141.474**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 6.753, 322.158**, and **51, 6.163, 321.696** is the 20% darker color. If you saturate the color by 10%, you get **66, 18.224, 322.448**, and if you desaturate by 10%, it is **76, 5.155, 141.546**.

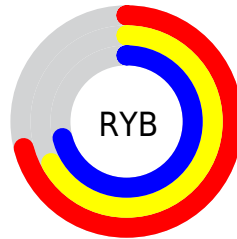
Distribution



Red (71%)

Green (67%)

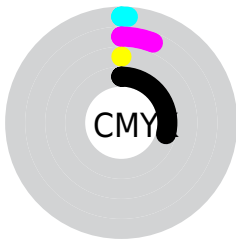
Blue (71%)



Red (71%)

Yellow (67%)

Blue (71%)

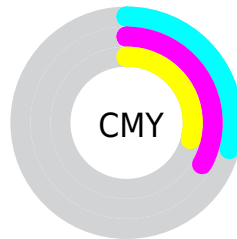


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.443, 321.945 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, 6.443, 321.945 by changing the saturation by 10% instead.

■ 71, 6.443, 321.945

■ 71, 6.443, 321.945

■ 100, 6.443,
321.945

■ 61, 6.443, 321.945

■ 91, 6.443, 321.945

■ 51, 6.443, 321.945

■ 41, 6.443, 321.945

■ 31, 6.443, 321.945

■ 21, 6.443, 321.945

■ 11, 6.443, 321.945

■ 1, 6.443, 321.945

■ 0, 6.443, 321.945

■ 71, 6.443, 321.945

■ 71, 6.443, 321.945

66, 18.224,
322.448

76, 5.155, 141.546

62, 30.068,
322.931

81, 16.488,
141.060

57, 41.779,
323.393

86, 27.515,
140.619

53, 53.077,
323.816

91, 38.217,
140.205

49, 63.589,
324.176

94, 44.739,
139.728

46, 72.859,
324.445

94, 44.391,
139.087

43, 80.403,
324.596

94, 44.048,
138.433

41, 85.818,
324.603

94, 43.709,
137.763

40, 88.946,

95, 43.375,
137.079

324.453

Harmonies

Complementary

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



71, 6.443, 321.945



73, 6.418, 141.474

Rectangle

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



71, 6.443, 321.945



71, 6.443, 11.945



71, 6.443, 141.945



71, 6.443, 191.945

Sweetspot

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



71, 6.441, 321.944



92, 2.877, 321.719



71, 4.845, 285.597



49, 1.634, 321.709



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, 6.441, 321.944



89, 10.090, 322.028



71, 5.068, 338.197



36, 5.231, 322.045



33, 79.447, 324.410



2, 15.524, 320.342

Inverse Universe

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



71, 3.837, 11.460



88, 6.036, 11.625



73, 5.037, 157.527



36, 3.132, 11.658



31, 67.191, 35.155



2, 9.227, 13.005

Previews

White Background



This preview shows how the CIELCh color 71, 6.443, 321.945 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, 6.443, 321.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

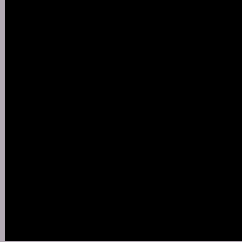
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

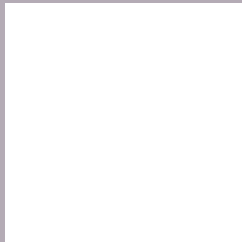
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 6.443, 321.945

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.443, 321.945.



This preview shows how white text looks on a background with the CIELCh color 71, 6.443, 321.945.

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, 6.443, 321.945

Protanopia

71, 4.939, 294.944

Deuteranopia

71, 9.814, 334.009



Tritanopia
71, 7.882, 315.759

Trichromacy



Original Color
71, 6.443, 321.945

Protanomaly
71, 5.685, 305.756

Deuteranomaly
71, 8.415, 329.025

Tritanomaly
71, 7.393, 317.545

Monochromacy



Original Color
71, 6.443, 321.945

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.001, 324.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.443, 321.945 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(180, 171, 181)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 171, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 171, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.443, 321.945 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(180, 171, 181) }
```

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

```
.border{ border-color:rgb(180, 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(180, 171, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 171, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 171, 181);  
box-shadow:4px 4px 4px 4px rgb(180, 171,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.443, 321.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 171, 181) }
```

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

```
.background{ background-color: rgb(180,  
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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