

Converting Colors

CIELCh(71, 12.814, 324.981)

Have a look what the booklet for
CIELCh(71, 12.814, 324.981)
contains.

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Color

CIELCh(71, 12.585, 324.974)

Conversions

Conversions Part 1

Format	Color
Hex	BBA8BB
RGB	187, 168, 187
RGB Percent	73%, 66%, 73%
CMY	0.2664, 0.3409, 0.2664
CMYK	0.00, 0.10, 0.00, 0.27
HSL	300°, 12%, 70%
HSV	300°, 10%, 73%
XYZ	43.4956, 42.1875, 52.8956
YIQ	175.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

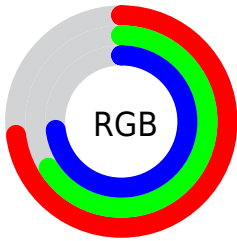
Format	Color
RYB	187, 168, 187
Decimal	12298427
CIELab	71.00, 10.31, -7.22
CIELCh	71, 12.585, 324.974
Yxy	42.1875, 0.3139, 0.3044
Android (android.graphics.Color)	4290488507 (0xFFBBA8BB)
YUV	175.8470, 5.4984, 9.7812
Hunter-Lab	64.9519, 5.8681, -2.8183

Details

The CIELCh color $71, 12.585, 324.974$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 12.565, 143.866$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 12.599, 324.872$, and $51, 12.693, 325.136$ is the 20% darker color. If you saturate the color by 10%, you get $66, 25.061, 325.526$, and if you desaturate by 10%, it is $76, 0.201, 323.227$.

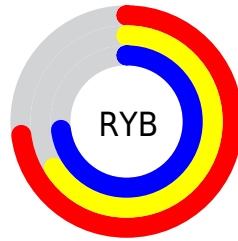
Distribution



Red (73%)

Green (66%)

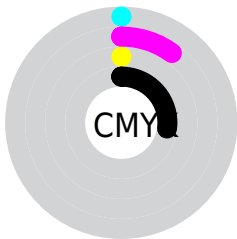
Blue (73%)



Red (73%)

Yellow (66%)

Blue (73%)

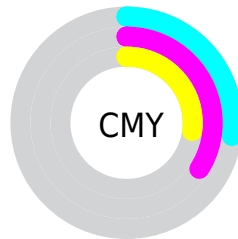


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 12.585, 324.974 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, 12.585, 324.974 by changing the saturation by 10% instead.


 71, 12.585,
324.974


 71, 12.585,
324.974


 100, 12.585,
324.974


 61, 12.585,
324.974


 91, 12.585,
324.974

 51, 12.585,
324.974

 41, 12.585,
324.974

 31, 12.585,
324.974

 21, 12.585,
324.974

 11, 12.585,
324.974

 1, 12.585, 324.974

71, 12.585,
324.974

71, 12.585,
324.974

66, 25.061,
325.526

76, 0.201, 323.227

62, 37.439,
326.059

81, 11.957,
143.940

58, 49.437,
326.565

86, 23.811,
143.415

54, 60.685,
327.029

91, 35.320,
142.918

51, 70.737,
327.432

94, 42.583,
142.610

48, 79.120,
327.760

94, 42.582,
142.610

■ 46, 85.429,
328.002

■ 94, 42.582,
142.611

■ 45, 89.449,
328.154

■ 94, 42.582,
142.611

■ 44, 91.557,
328.233

■ 94, 42.582,
142.611

Harmonies

Complementary

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



71, 12.585, 324.974



74, 12.565, 143.866

Rectangle

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



71, 12.585, 324.974



71, 12.585, 14.974



71, 12.585, 144.974



71, 12.585, 194.974

Sweetspot

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



71, 12.583, 324.974



94, 4.569, 324.543



69, 10.432, 291.226



50, 3.492, 324.600



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 12.583, 324.974



88, 18.361, 325.088



71, 8.870, 344.452



37, 7.068, 324.929



37, 80.848, 328.233



3, 21.489, 325.461

Inverse Universe

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



71, 12.583, 324.974



88, 18.361, 325.088



74, 8.753, 162.851



37, 7.068, 324.929



37, 80.848, 328.233



3, 21.489, 325.461

Previews

White Background



This preview shows how the CIELCh color 71, 12.585, 324.974 looks on a white background.

Color Contrast Check

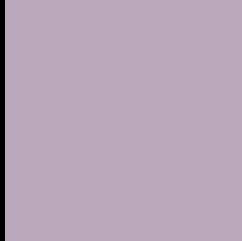
Large Text (above 18pt) WCAG AA × Fail

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, 12.585, 324.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

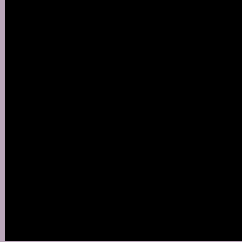
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 12.585, 324.974

Background



This preview shows how black text looks on a background with the CIELCh color 71, 12.585, 324.974.



This preview shows how white text looks on a background with the CIELCh color 71, 12.585, 324.974.

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, 12.585, 324.974

Protanopia

71, 9.288, 288.875

Deuteranopia

71, 11.522, 321.838



Tritanopia
71, 9.561, 332.342

Trichromacy



Original Color
71, 12.585, 324.974

Protanomaly
71, 10.116, 303.573

Deuteranomaly
71, 11.716, 323.415

Tritanomaly
71, 10.390, 328.316

Monochromacy



Original Color
71, 12.585, 324.974

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 4.653, 324.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 12.585, 324.974 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(187, 168, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 168, 187)  
}
```

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(187, 168, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 168, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 12.585, 324.974 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(187, 168, 187) }
```

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

```
.border{ border-color:rgb(187, 168, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 168, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 168, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 168, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 168,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 12.585, 324.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 168, 187) }
```

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

```
.background{ background-color: rgb(187,  
168, 187) }
```

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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