

Converting Colors

CIELCh(71, 12.325, 339.587)

Have a look what the booklet for
CIELCh(71, 12.325, 339.587)
contains.

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Color

CIELCh(71, 12.473, 339.594)

Conversions

Conversions Part 1

Format	Color
Hex	C0A7B6
RGB	192, 167, 182
RGB Percent	75%, 65%, 71%
CMY	0.2473, 0.3453, 0.2865
CMYK	0.00, 0.13, 0.05, 0.25
HSL	324°, 17%, 70%
HSV	324°, 13%, 75%
XYZ	43.9661, 42.1875, 50.0474
YIQ	176.1850, 10.0850, 9.9650

Conversions

Conversions Part 2

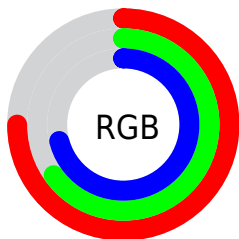
Format	Color
R _Y B	192, 167, 182
Decimal	12625846
CIE Lab	71.00, 11.69, -4.35
CIE LCh	71, 12.473, 339.594
Yxy	42.1875, 0.3228, 0.3097
Android (android.graphics.Color)	4290815926 (0xFFC0A7B6)
YUV	176.1850, 2.8668, 13.8698
Hunter-Lab	64.9519, 7.1613, -0.2184

Details

The CIELCh color $71, 12.473, 339.594$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 12.343, 157.650$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 12.740, 339.784$, and $51, 12.300, 339.446$ is the 20% darker color. If you saturate the color by 10%, you get $66, 22.194, 340.445$, and if you desaturate by 10%, it is $76, 2.869, 338.731$.

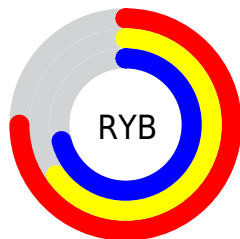
Distribution



Red (75%)

Green (65%)

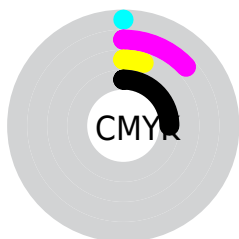
Blue (71%)



Red (75%)

Yellow (65%)

Blue (71%)

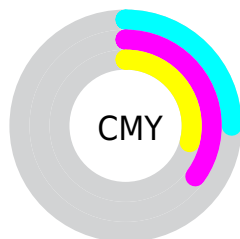


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 12.473, 339.594 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, 12.473, 339.594 by changing the saturation by 10% instead.


 71, 12.473,
339.594


 71, 12.473,
339.594


 100, 12.473,
339.594


 61, 12.473,
339.594


 91, 12.473,
339.594

 51, 12.473,
339.594

 41, 12.473,
339.594

 31, 12.473,
339.594

 21, 12.473,
339.594

 11, 12.473,
339.594

 1, 12.473, 339.594

0, 12.473, 339.594

71, 12.473,
339.594

71, 12.473,
339.594

66, 22.194,
340.445

76, 2.869, 338.731

81, 6.516, 158.201

61, 31.878,
341.369

87, 15.632,
157.508

57, 41.278,
342.396

92, 24.458,
156.884

53, 50.050,
343.561

95, 28.385,
158.890

49, 57.753,
344.916

95, 25.852,
165.378

46, 63.900,
346.536

95, 23.674,

■ 44, 68.066,
348.523

173.117

■ 43, 70.058,
350.999

■ 96, 21.963,
182.198

■ 42, 70.543,
352.991

■ 96, 20.841,
192.498

Harmonies

Complementary

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



71, 12.473, 339.594



75, 12.343, 157.650

Rectangle

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



71, 12.473, 339.594



71, 12.473, 29.594



71, 12.473, 159.594



71, 12.473, 209.594

Sweetspot

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



71, 12.471, 339.596



96, 4.708, 338.841



70, 14.231, 306.163



51, 3.347, 338.912



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 12.471, 339.596



88, 19.034, 339.865



71, 9.725, 12.215



38, 5.454, 339.297



35, 61.977, 352.539



3, 16.867, 346.266

Inverse Universe

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



71, 12.471, 339.596



88, 19.034, 339.865



76, 9.095, 190.209



38, 5.454, 339.297



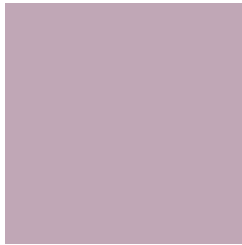
35, 61.977, 352.539



3, 16.867, 346.266

Previews

White Background



This preview shows how the CIELCh color 71, 12.473, 339.594 looks on a white background.

Color Contrast Check

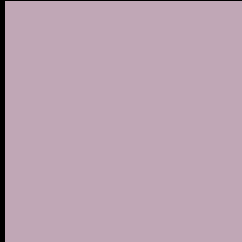
Large Text (above 18pt) WCAG AA × Fail

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, 12.473, 339.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

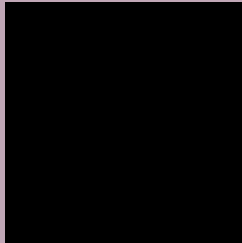
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 12.473, 339.594

Background



This preview shows how black text looks on a background with the CIELCh color 71, 12.473, 339.594.



This preview shows how white text looks on a background with the CIELCh color 71, 12.473, 339.594.

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, 12.473, 339.594

Protanopia

71, 6.573, 294.015

Deuteranopia

71, 9.814, 334.009



Tritanopia
71, 11.810, 343.635

Trichromacy



Original Color
71, 12.473, 339.594

Protanomaly
71, 8.048, 318.160

Deuteranomaly
71, 10.996, 336.417

Tritanomaly
71, 12.134, 341.558

Monochromacy



Original Color
71, 12.473, 339.594

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.362, 341.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 12.473, 339.594 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(192, 167, 182)` looks like.

```
.text, #text, p{  
    color:rgb(192, 167, 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(192, 167, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 167, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 12.473, 339.594 is called "border". The border property can be set on classes, ids or directly on the HTML element.

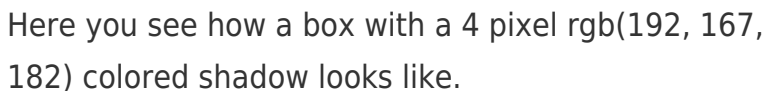
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 167, 182) }
```

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

```
.border{ border-color:rgb(192, 167, 182) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 167, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 167, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 167, 182); box-shadow:4px 4px 4px 4px rgb(192, 167, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 12.473, 339.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 167, 182) }
```

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

```
.background{ background-color: rgb(192,  
167, 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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