

Converting Colors

CIELCh(71, 22.946, 324.974)

Have a look what the booklet for
CIELCh(71, 22.946, 324.974)
contains.

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Color

CIELCh(71, 22.814, 324.598)

Conversions

Conversions Part 1

Format	Color
Hex	C5A3C6
RGB	197, 163, 198
RGB Percent	77%, 64%, 78%
CMY	0.2271, 0.3604, 0.2232
CMYK	0.01, 0.18, 0.00, 0.22
HSL	298°, 24%, 71%
HSV	298°, 18%, 78%
XYZ	46.3639, 42.1875, 59.1781
YIQ	177.1560, 9.0290, 18.0930

Conversions

Conversions Part 2

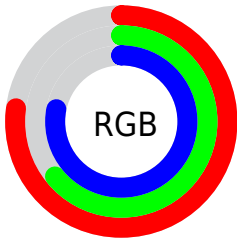
Format	Color
R _{YB}	197, 163, 198
Decimal	12952518
CIE _{Lab}	71.00, 18.60, -13.22
CIE _{LCh}	71, 22.814, 324.598
Yxy	42.1875, 0.3138, 0.2856
Android (android.graphics.Color)	4291142598 (0xFFC5A3C6)
YUV	177.1560, 10.2761, 17.4032
Hunter-Lab	64.9519, 13.7509, -8.5532

Details

The CIELCh color **71, 22.814, 324.598** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **77, 22.772, 142.625**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 22.981, 324.484**, and **51, 22.823, 324.796** is the 20% darker color. If you saturate the color by 10%, you get **66, 35.744, 325.120**, and if you desaturate by 10%, it is **76, 9.852, 324.057**.

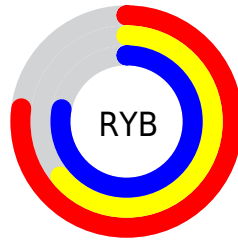
Distribution



Red (77%)

Green (64%)

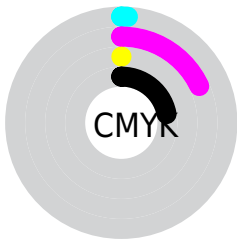
Blue (78%)



Red (77%)

Yellow (64%)

Blue (78%)

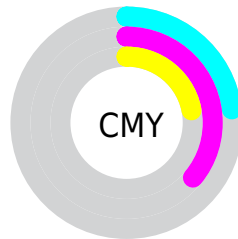


Cyan (1%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (23%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 22.814, 324.598 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, 22.814, 324.598 by changing the saturation by 10% instead.


 71, 22.814,
324.598

 71, 22.814,
324.598


 100, 22.814,
324.598


 61, 22.814,
324.598

 91, 22.814,
324.598

 51, 22.814,
324.598

 41, 22.814,
324.598

 31, 22.814,
324.598

 21, 22.814,
324.598

 11, 22.814,
324.598

 1, 22.814, 324.598

■ 0, 22.814, 324.598

■ 71, 22.814,
324.598

■ 71, 22.814,
324.598

■ 66, 35.744,
325.120

■ 76, 9.852, 324.057

■ 81, 2.957, 143.645

■ 62, 48.389,
325.617

■ 86, 15.503,
143.066

■ 58, 60.389,
326.072

■ 92, 27.718,
142.568

■ 54, 71.295,
326.466

■ 95, 35.304,
142.175

■ 51, 80.602,
326.779

■ 95, 35.190,
141.926

■ 49, 87.836,
326.995

■ 95, 35.077,

■ 47, 92.685,
327.103

141.674

■ 46, 95.225,
327.107

■ 95, 34.964,
141.421

■ 46, 95.682,
327.102

■ 95, 34.851,
141.165

Harmonies

Complementary

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



71, 22.814, 324.598



77, 22.772, 142.625

Rectangle

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



71, 22.814, 324.598



71, 22.814, 14.598



71, 22.814, 144.598



71, 22.814, 194.598

Sweetspot

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



71, 22.812, 324.598



97, 7.873, 323.908



68, 18.635, 290.808



51, 5.373, 323.950



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 22.812, 324.598



87, 33.310, 324.790



71, 16.659, 343.354



39, 7.317, 324.152



38, 82.868, 327.117



4, 26.420, 325.885

Inverse Universe

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



70, 13.703, 18.351



86, 20.264, 18.715



77, 16.348, 160.427



39, 4.278, 17.609



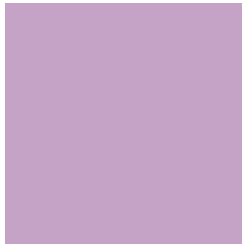
34, 73.498, 38.616



3, 15.896, 17.922

Previews

White Background



This preview shows how the CIELCh color 71, 22.814, 324.598 looks on a white background.

Color Contrast Check

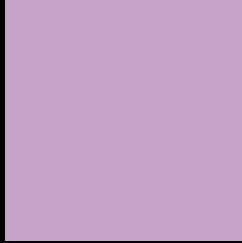
Large Text (above 18pt) WCAG AA × Fail

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, 22.814, 324.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

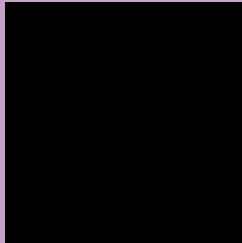
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 22.814, 324.598

Background



This preview shows how black text looks on a background with the CIELCh color 71, 22.814, 324.598.



This preview shows how white text looks on a background with the CIELCh color 71, 22.814, 324.598.

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, 22.814, 324.598

Protanopia

71, 17.512, 287.366

Deuteranopia

71, 15.878, 305.979



Tritanopia
71, 12.752, 346.861

Trichromacy



Original Color
71, 22.814, 324.598

Protanomaly
71, 18.457, 302.921

Deuteranomaly
71, 17.859, 314.217

Tritanomaly
71, 16.038, 335.327

Monochromacy



Original Color
71, 22.814, 324.598

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 8.409, 322.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 22.814, 324.598 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(197, 163, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 163, 198)  
}
```

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(197, 163, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 163, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 22.814, 324.598 is called "border". The border property can be set on classes, ids or directly on the HTML element.

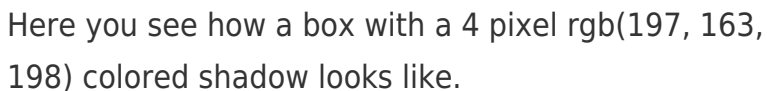
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 163, 198) }
```

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

```
.border{ border-color:rgb(197, 163, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 163, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 163, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 163, 198); box-shadow:4px 4px 4px 4px rgb(197, 163, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 22.814, 324.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 163, 198) }
```

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

```
.background{ background-color: rgb(197,  
163, 198) }
```

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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