

Converting Colors

CIELCh(71, 21.059, 321.949)

Have a look what the booklet for
CIELCh(71, 21.059, 321.949)
contains.

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Color

CIELCh(71, 21.596, 322.020)

Conversions

Conversions Part 1

Format	Color
Hex	C2A4C6
RGB	194, 164, 198
RGB Percent	76%, 64%, 78%
CMY	0.2385, 0.3562, 0.2229
CMYK	0.02, 0.17, 0.00, 0.22
HSL	293°, 23%, 71%
HSV	293°, 17%, 78%
XYZ	45.8101, 42.1875, 59.2581
YIQ	176.8460, 6.9660, 16.9340

Conversions

Conversions Part 2

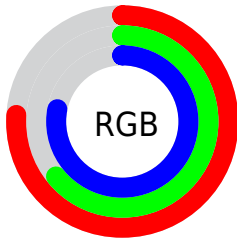
Format	Color
RYB	194, 164, 198
Decimal	12756166
CIELab	71.00, 17.02, -13.29
CIELCh	71, 21.596, 322.020
Yxy	42.1875, 0.3111, 0.2865
Android (android.graphics.Color)	4290946246 (0xFFC2A4C6)
YUV	176.8460, 10.4289, 15.0441
Hunter-Lab	64.9519, 12.2290, -8.6262

Details

The CIELCh color **71, 21.596, 322.020** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **77, 21.488, 140.311**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 21.809, 322.072**, and **51, 21.556, 322.019** is the 20% darker color. If you saturate the color by 10%, you get **66, 34.286, 322.495**, and if you desaturate by 10%, it is **76, 8.949, 321.528**.

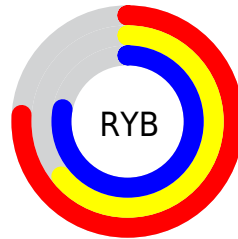
Distribution



Red (76%)

Green (64%)

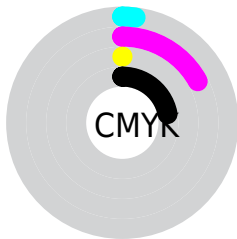
Blue (78%)



Red (76%)

Yellow (64%)

Blue (78%)

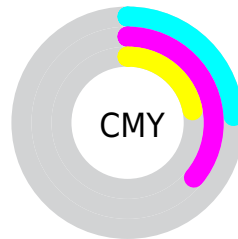


Cyan (2%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (24%)


Magenta (36%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 21.596, 322.020 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, 21.596, 322.020 by changing the saturation by 10% instead.


 71, 21.596,
322.020


 71, 21.596,
322.020


 100, 21.596,
322.020


 61, 21.596,
322.020


 91, 21.596,
322.020

 51, 21.596,
322.020

 41, 21.596,
322.020

 31, 21.596,
322.020

 21, 21.596,
322.020

 11, 21.596,
322.020

 1, 21.596, 322.020

0, 21.596, 322.020

71, 21.596,
322.020

71, 21.596,
322.020

66, 34.286,
322.495

76, 8.949, 321.528

81, 3.506, 141.150

61, 46.806,
322.947

87, 15.684,
140.646

57, 58.839,
323.354

92, 27.536,
140.208

53, 69.963,
323.691

95, 34.104,
139.504

49, 79.668,
323.927

96, 33.664,
138.370

47, 87.424,
324.031

96, 33.235,

■ 45, 92.812,
323.974

137.198

■ 43, 95.763,
323.749

■ 96, 32.820,
135.987

■ 43, 96.405,
323.672

■ 96, 32.418,
134.737

Harmonies

Complementary

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



71, 21.596, 322.020



77, 21.488, 140.311

Rectangle

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



71, 21.596, 322.020



71, 21.596, 12.020



71, 21.596, 142.020



71, 21.596, 192.020

Sweetspot

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



71, 21.594, 322.020



97, 7.660, 321.419



70, 16.207, 286.201



51, 5.228, 321.457



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, 21.594, 322.020



87, 32.492, 322.219



71, 17.314, 338.375



39, 7.123, 321.640



35, 83.455, 323.734



4, 25.398, 322.133

Inverse Universe

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



71, 13.360, 11.264



86, 20.321, 11.738



77, 17.128, 155.799



39, 4.322, 10.453



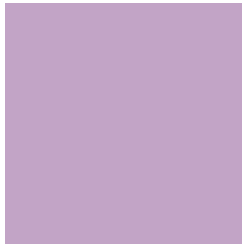
34, 69.889, 34.433



3, 15.997, 13.329

Previews

White Background



This preview shows how the CIELCh color 71, 21.596, 322.020 looks on a white background.

Color Contrast Check

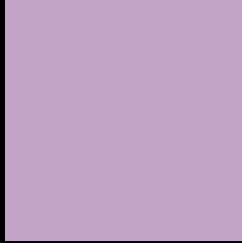
Large Text (above 18pt) WCAG AA × Fail

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, 21.596, 322.020 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, 21.596, 322.020

Background



This preview shows how black text looks on a background with the CIELCh color 71, 21.596, 322.020.

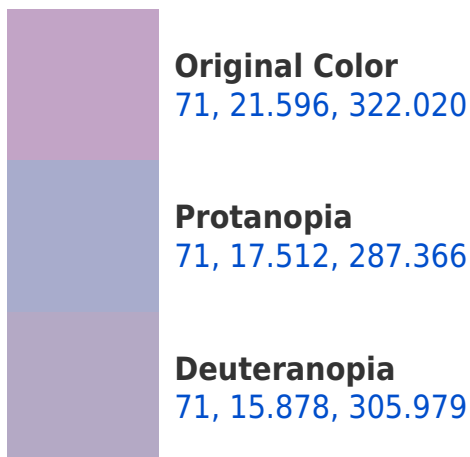


This preview shows how white text looks on a background with the CIELCh color 71, 21.596, 322.020.

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





Tritanopia
71, 11.810, 343.635

Trichromacy



Original Color
71, 21.596, 322.020

Protanomaly
71, 18.391, 301.836

Deuteranomaly
71, 17.725, 313.122

Tritanomaly
71, 15.268, 332.186

Monochromacy



Original Color
71, 21.596, 322.020

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 8.218, 320.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 21.596, 322.020 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(194, 164, 198)` looks like.

```
.text, #text, p{  
    color:rgb(194, 164, 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(194, 164, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 164, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 21.596, 322.020 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(194, 164, 198) }
```

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

```
.border{ border-color:rgb(194, 164, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 164, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 164, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 164, 198);  
box-shadow:4px 4px 4px 4px rgb(194, 164,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 21.596, 322.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 164, 198) }
```

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

```
.background{ background-color: rgb(194,  
164, 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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