

Converting Colors

CIELCh(71, 20.514, 323.154)

Have a look what the booklet for
CIELCh(71, 20.514, 323.154)
contains.

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Color

CIELCh(71, 20.680, 323.569)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C2A4C4 |
| RGB | 194, 164, 196 |
| RGB Percent | 76%, 64%, 77% |
| CMY | 0.2379, 0.3555, 0.2300 |
| CMYK | 0.01, 0.16, 0.00, 0.23 |
| HSL | 296°, 21%, 71% |
| HSV | 296°, 16%, 77% |
| XYZ | 45.6757, 42.1875, 58.1664 |
| YIQ | 176.6180, 7.6080, 16.3120 |

Conversions

Conversions Part 2

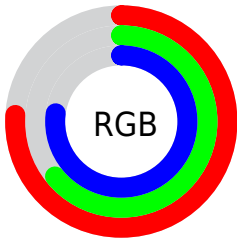
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 194, 164, 196 |
| Decimal | 12756164 |
| CIELab | 71.00, 16.64, -12.28 |
| CIELCh | 71, 20.680, 323.569 |
| Yxy | 42.1875, 0.3128, 0.2889 |
| Android (android.graphics.Color) | 4290946244 (0xFFC2A4C4) |
| YUV | 176.6180, 9.5553, 15.2440 |
| Hunter-Lab | 64.9519, 11.8594, -7.6297 |

Details

The CIELCh color $71, 20.680, 323.569$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 20.619, 141.842$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 20.938, 323.535$, and $51, 20.582, 323.667$ is the 20% darker color. If you saturate the color by 10%, you get $66, 33.434, 324.073$, and if you desaturate by 10%, it is $76, 7.946, 323.045$.

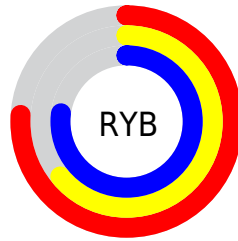
Distribution



Red (76%)

Green (64%)

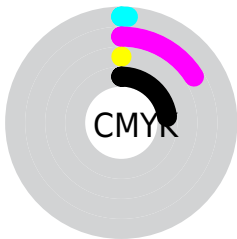
Blue (77%)



Red (76%)

Yellow (64%)

Blue (77%)

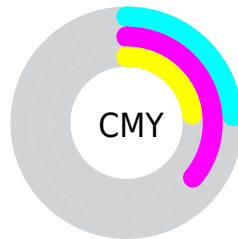


Cyan (1%)

Magenta (16%)

Yellow (0%)

Black (23%)



Cyan (24%)


Magenta (36%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 20.680, 323.569 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, 20.680, 323.569 by changing the saturation by 10% instead.


 71, 20.680,
323.569


 71, 20.680,
323.569


 100, 20.680,
323.569


 61, 20.680,
323.569


 91, 20.680,
323.569

 51, 20.680,
323.569

 41, 20.680,
323.569

 31, 20.680,
323.569

 21, 20.680,
323.569

 11, 20.680,
323.569

 1, 20.680, 323.569

71, 20.680,
323.569

71, 20.680,
323.569

66, 33.434,
324.073

76, 7.946, 323.045

62, 45.984,
324.554

81, 4.606, 142.628

57, 57.999,
324.994

86, 16.883,
142.105

53, 69.055,
325.371

92, 28.831,
141.635

50, 78.654,
325.662

95, 35.937,
141.154

48, 86.294,
325.844

95, 35.695,
140.612

95, 35.456,

■ 46, 91.599,
325.900

140.060

■ 45, 94.499,
325.824

■ 95, 35.219,
139.499

■ 45, 95.263,
325.779

■ 95, 34.986,
138.928

Harmonies

Complementary

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



71, 20.680, 323.569



76, 20.619, 141.842

Rectangle

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



71, 20.680, 323.569



71, 20.680, 13.569



71, 20.680, 143.569



71, 20.680, 193.569

Sweetspot

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



71, 20.678, 323.569



97, 7.790, 322.976



69, 16.424, 289.221



51, 5.317, 323.017



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, 20.678, 323.569



88, 31.412, 323.773



71, 15.586, 341.509



38, 7.088, 323.209



36, 82.090, 325.814



4, 23.444, 323.637

Inverse Universe

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



70, 12.494, 15.527



86, 19.217, 15.944



77, 15.357, 158.919



38, 4.196, 14.866



33, 71.306, 37.147



3, 14.035, 15.994

Previews

White Background



This preview shows how the CIELCh color 71, 20.680, 323.569 looks on a white background.

Color Contrast Check

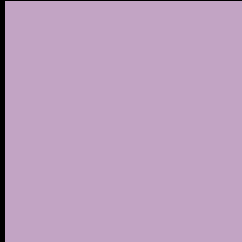
Large Text (above 18pt) WCAG AA × Fail

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, 20.680, 323.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

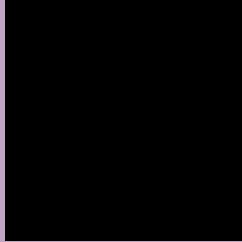
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 20.680, 323.569

Background



This preview shows how black text looks on a background with the CIELCh color 71, 20.680, 323.569.



This preview shows how white text looks on a background with the CIELCh color 71, 20.680, 323.569.

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, 20.680, 323.569

Protanopia

71, 15.866, 286.696

Deuteranopia

71, 14.927, 308.337



Tritanopia
71, 11.810, 343.635

Trichromacy



Original Color
71, 20.680, 323.569

Protanomaly
71, 16.698, 301.520

Deuteranomaly
71, 16.865, 315.641

Tritanomaly
71, 14.873, 333.589

Monochromacy



Original Color
71, 20.680, 323.569

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 7.752, 322.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 20.680, 323.569 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(194, 164, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 164, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 20.680, 323.569 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, 196) }
```

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

```
.border{ border-color:rgb(194, 164, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 164, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 164, 196);  
box-shadow:4px 4px 4px 4px rgb(194, 164,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 20.680, 323.569 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, 196) }
```

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

```
.background{ background-color: rgb(194,  
164, 196) }
```

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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