

Converting Colors

CIELCh(70, 24.624, 323.400)

Have a look what the booklet for
CIELCh(70, 24.624, 323.400)
contains.

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Color

CIELCh(70, 24.424, 323.243)

Conversions

Conversions Part 1

Format	Color
Hex	C3A0C6
RGB	195, 160, 198
RGB Percent	76%, 63%, 78%
CMY	0.2358, 0.3731, 0.2241
CMYK	0.02, 0.19, 0.00, 0.22
HSL	295°, 25%, 70%
HSV	295°, 19%, 78%
XYZ	45.1942, 40.7494, 58.8257
YIQ	174.7970, 8.6620, 19.2380

Conversions

Conversions Part 2

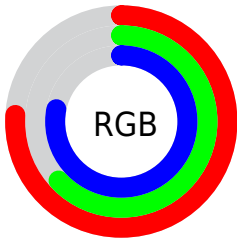
Format	Color
R _Y B	195, 160, 198
Decimal	12820678
CIE Lab	70.00, 19.57, -14.62
CIE LCh	70, 24.424, 323.243
Yxy	40.7494, 0.3122, 0.2815
Android (android.graphics.Color)	4291010758 (0xFFC3A0C6)
YUV	174.7970, 11.4391, 17.7180
Hunter-Lab	63.8353, 14.6630, -9.9525

Details

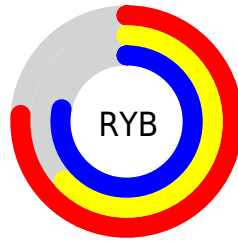
The CIELCh color $70, 24.424, 323.243$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 24.332, 141.217$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 24.508, 323.193$, and $50, 24.541, 323.373$ is the 20% darker color. If you saturate the color by 10%, you get $65, 37.182, 323.733$, and if you desaturate by 10%, it is $75, 11.640, 322.736$.

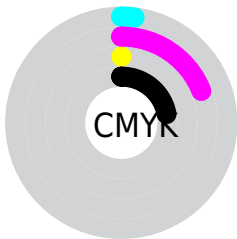
Distribution



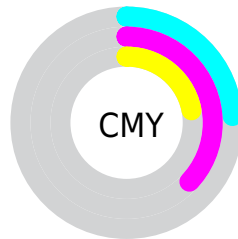
- Red (76%)
- Green (63%)
- Blue (78%)



- Red (76%)
- Yellow (63%)
- Blue (78%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (22%)





- Cyan (24%)
- Magenta (37%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 24.424, 323.243 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 70, 24.424, 323.243 by changing the saturation by 10% instead.


 70, 24.424,
323.243


 70, 24.424,
323.243


 100, 24.424,
323.243


 60, 24.424,
323.243


 90, 24.424,
323.243

 50, 24.424,
323.243

 40, 24.424,
323.243

 30, 24.424,
323.243

 20, 24.424,
323.243

 10, 24.424,
323.243

 0, 24.424, 323.243

70, 24.424,
323.243

70, 24.424,
323.243

65, 37.182,
323.733

75, 11.640,
322.736

61, 49.668,
324.195

80, 0.992, 142.503

56, 61.528,
324.610

86, 13.367,
141.802

53, 72.312,
324.953

91, 25.424,
141.334

49, 81.502,
325.198

95, 34.851,
140.840

47, 88.606,
325.320

95, 34.545,
140.119


45, 93.293,
325.302


95, 34.244,
139.382

44, 95.768,

96, 33.949,
138.627

325.154

 96, 33.658,
137.856

 44, 95.938,
325.141

Harmonies

Complementary

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



70, 24.424, 323.243



76, 24.332, 141.217

Rectangle

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



70, 24.424, 323.243



70, 24.424, 13.243



70, 24.424, 143.243



70, 24.424, 193.243

Sweetspot

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



70, 24.422, 323.243



96, 9.306, 322.572



68, 19.220, 288.866



51, 6.176, 322.607



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 24.422, 323.243



86, 35.982, 323.448



70, 18.724, 340.931



39, 7.205, 322.746



36, 83.155, 325.183



4, 25.843, 323.798

Inverse Universe

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



69, 14.970, 14.525



85, 22.334, 14.995



77, 18.432, 157.864



39, 4.295, 13.539



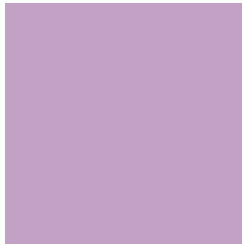
34, 71.537, 36.462



3, 15.941, 15.315

Previews

White Background



This preview shows how the CIELCh color 70, 24.424, 323.243 looks on a white background.

Color Contrast Check

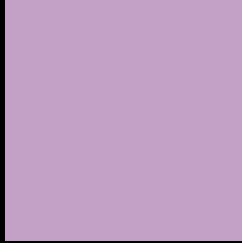
Large Text (above 18pt) WCAG AA × Fail

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 70, 24.424, 323.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

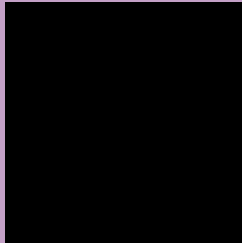
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 24.424, 323.243

Background



This preview shows how black text looks on a background with the CIELCh color 70, 24.424, 323.243.



This preview shows how white text looks on a background with the CIELCh color 70, 24.424, 323.243.

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

70, 24.424, 323.243

Protanopia

70, 18.686, 285.696

Deuteranopia

70, 16.282, 303.077



Tritanopia
70, 12.499, 348.981

Trichromacy



Original Color
70, 24.424, 323.243

Protanomaly
70, 20.068, 301.133

Deuteranomaly
70, 19.431, 312.387

Tritanomaly
70, 16.725, 334.977

Monochromacy



Original Color
70, 24.424, 323.243

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.093, 322.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 24.424, 323.243 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(195, 160, 198)` looks like.

```
.text, #text, p{  
    color:rgb(195, 160, 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(195, 160, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 160, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 24.424, 323.243 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(195, 160, 198) }
```

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

```
.border{ border-color:rgb(195, 160, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 160, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 160, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 160, 198);  
box-shadow:4px 4px 4px 4px rgb(195, 160,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 24.424, 323.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 160, 198) }
```

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

```
.background{ background-color: rgb(195,  
160, 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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