

Converting Colors

CIELCh(70, 23.360, 328.844)

Have a look what the booklet for
CIELCh(70, 23.360, 328.844)
contains.

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Color

CIELCh(70, 23.497, 329.296)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C69FC1 |
| RGB | 198, 159, 193 |
| RGB Percent | 78%, 62%, 76% |
| CMY | 0.2228, 0.3757, 0.2424 |
| CMYK | 0.00, 0.20, 0.03, 0.22 |
| HSL | 308°, 26%, 70% |
| HSV | 308°, 20%, 78% |
| XYZ | 45.4152, 40.7494, 56.0345 |
| YIQ | 174.5370, 12.3300, 18.8420 |

Conversions

Conversions Part 2

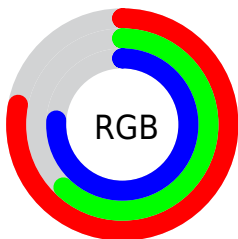
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 198, 159, 193 |
| Decimal | 13017025 |
| CIE Lab | 70.00, 20.20, -12.00 |
| CIE LCh | 70, 23.497, 329.296 |
| Yxy | 40.7494, 0.3194, 0.2866 |
| Android (android.graphics.Color) | 4291207105 (0xFFC69FC1) |
| YUV | 174.5370, 9.1023, 20.5771 |
| Hunter-Lab | 63.8353, 15.2810, -7.3600 |

Details

The CIELCh color $70, 23.497, 329.296$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 23.444, 146.836$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 23.233, 329.684$, and $50, 23.539, 329.853$ is the 20% darker color. If you saturate the color by 10%, you get $65, 35.413, 329.907$, and if you desaturate by 10%, it is $75, 11.506, 328.686$.

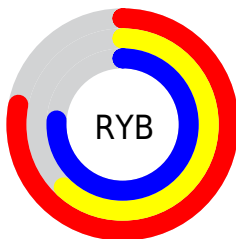
Distribution



Red (78%)

Green (62%)

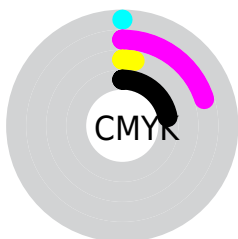
Blue (76%)



Red (78%)

Yellow (62%)

Blue (76%)

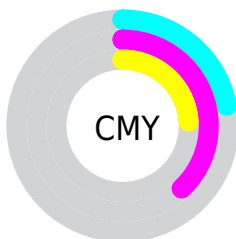


Cyan (0%)

Magenta (20%)

Yellow (3%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 23.497, 329.296 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, 23.497, 329.296 by changing the saturation by 10% instead.


 70, 23.497,
329.296

 70, 23.497,
329.296


 100, 23.497,
329.296


 60, 23.497,
329.296


 90, 23.497,
329.296

 50, 23.497,
329.296

 40, 23.497,
329.296

 30, 23.497,
329.296

 20, 23.497,
329.296

 10, 23.497,
329.296

 0, 23.497, 329.296

70, 23.497,
329.296

70, 23.497,
329.296

65, 35.413,
329.907

75, 11.506,
328.686

61, 46.993,
330.517

80, 0.368, 148.909

57, 57.866,
331.123

85, 12.013,
147.589

53, 67.572,
331.720

91, 23.362,
147.037

50, 75.605,
332.307

95, 32.406,
146.830

48, 81.504,
332.892

95, 31.376,
148.264


47, 84.993,
333.487


95, 30.363,
149.790

46, 86.380,

95, 29.368,
151.413

334.108

 95, 28.393,
153.144

 46, 86.415,
334.128

Harmonies

Complementary

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



70, 23.497, 329.296



76, 23.444, 146.836

Rectangle

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



70, 23.497, 329.296



70, 23.497, 19.296



70, 23.497, 149.296



70, 23.497, 199.296

Sweetspot

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



70, 23.495, 329.296



96, 8.731, 328.460



67, 21.675, 296.530



51, 5.794, 328.503



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, 23.495, 329.296



85, 35.173, 329.582



69, 16.982, 352.343



39, 6.759, 328.668



37, 74.919, 334.034



4, 23.925, 331.729

Inverse Universe

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



70, 23.495, 329.296



85, 35.173, 329.582



77, 16.297, 168.637



39, 6.759, 328.668



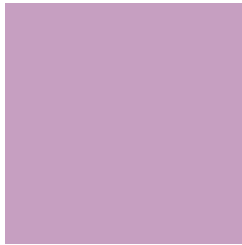
37, 74.919, 334.034



4, 23.925, 331.729

Previews

White Background



This preview shows how the CIELCh color 70, 23.497, 329.296 looks on a white background.

Color Contrast Check

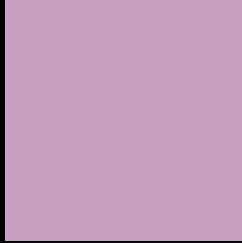
Large Text (above 18pt) WCAG AA × Fail

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, 23.497, 329.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

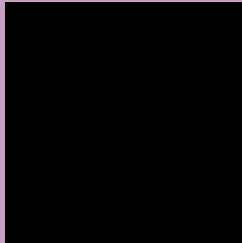
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 23.497, 329.296

Background



This preview shows how black text looks on a background with the CIELCh color 70, 23.497, 329.296.



This preview shows how white text looks on a background with the CIELCh color 70, 23.497, 329.296.

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, 23.497, 329.296

Protanopia

70, 16.461, 286.959

Deuteranopia

70, 14.331, 307.570



Tritanopia
70, 14.777, 352.148

Trichromacy



Original Color
70, 23.497, 329.296

Protanomaly
70, 18.136, 305.463

Deuteranomaly
70, 17.225, 317.905

Tritanomaly
70, 17.745, 340.850

Monochromacy



Original Color
70, 23.497, 329.296

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 8.854, 326.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 23.497, 329.296 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(198, 159, 193)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 193)  
}
```

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(198, 159, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 23.497, 329.296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

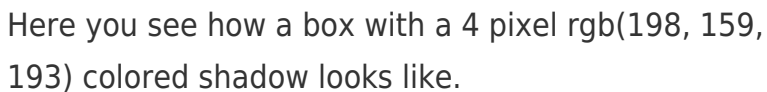
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 159, 193) }
```

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

```
.border{ border-color:rgb(198, 159, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 159, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 159, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 159, 193); box-shadow:4px 4px 4px 4px rgb(198, 159, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 23.497, 329.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 193) }
```

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

```
.background{ background-color: rgb(198,  
159, 193) }
```

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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