

Converting Colors

CIELCh(70, 28.723, 326.537)

Have a look what the booklet for
CIELCh(70, 28.723, 326.537)
contains.

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Color

CIELCh(70, 28.619, 326.886)

Conversions

Conversions Part 1

Format	Color
Hex	CA9DC8
RGB	202, 157, 200
RGB Percent	79%, 62%, 78%
CMY	0.2085, 0.3850, 0.2164
CMYK	0.00, 0.22, 0.01, 0.21
HSL	303°, 30%, 70%
HSV	303°, 22%, 79%
XYZ	46.7412, 40.7494, 59.9365
YIQ	175.3570, 13.0170, 22.9130

Conversions

Conversions Part 2

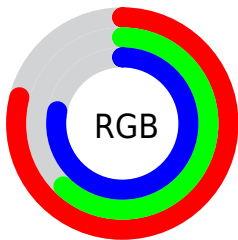
Format	Color
R_{YB}	202, 157, 200
Decimal	13278664
CIE _{Lab}	70.00, 23.97, -15.63
CIE _{LCh}	70, 28.619, 326.886
Y _{xy}	40.7494, 0.3170, 0.2764
Android (android.graphics.Color)	4291468744 (0xFFCA9DC8)
YUV	175.3570, 12.1490, 23.3659
Hunter-Lab	63.8353, 18.9887, -10.9841

Details

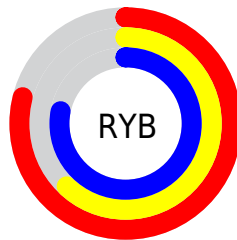
The CIELCh color $70, 28.619, 326.886$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 28.592, 144.183$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 26.948, 325.363$, and $50, 28.704, 326.608$ is the 20% darker color. If you saturate the color by 10%, you get $65, 41.343, 327.441$, and if you desaturate by 10%, it is $75, 15.735, 326.319$.

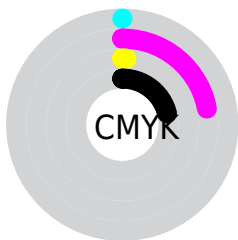
Distribution



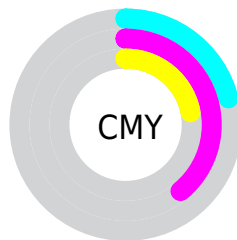
- Red (79%)
- Green (62%)
- Blue (78%)



- Red (79%)
- Yellow (62%)
- Blue (78%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (21%)




- Cyan (21%)
- Magenta (39%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 28.619, 326.886 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, 28.619, 326.886 by changing the saturation by 10% instead.

 70, 28.619,
326.886

 70, 28.619,
326.886

 100, 28.619,
326.886


 60, 28.619,
326.886


 90, 28.619,
326.886

 50, 28.619,
326.886

 40, 28.619,
326.886

 30, 28.619,
326.886

 20, 28.619,
326.886

 10, 28.619,
326.886

 0, 28.619, 326.886

70, 28.619,
326.886

70, 28.619,
326.886

65, 41.343,
327.441

75, 15.735,
326.319

61, 53.598,
327.973

80, 2.919, 325.686

85, 9.685, 145.261

57, 64.972,
328.472

91, 21.987,
144.717

54, 74.971,
328.922

95, 32.285,
144.337

51, 83.089,
329.315

95, 31.911,
144.809

49, 88.916,
329.645


95, 31.538,
145.291

48, 92.279,
329.914

95, 31.167,
145.785

47, 93.563,

330.092

 95, 30.797,
146.289

Harmonies

Complementary

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



70, 28.619, 326.886



77, 28.592, 144.183

Rectangle

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



70, 28.619, 326.886



70, 28.619, 16.886



70, 28.619, 146.886



70, 28.619, 196.886

Sweetspot

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



70, 28.617, 326.886



96, 10.803, 326.016



66, 24.975, 293.894



51, 7.022, 326.052



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, 28.617, 326.886



84, 41.884, 327.170



69, 20.538, 347.522



40, 7.314, 326.152



39, 80.869, 330.065



5, 28.026, 328.968

Inverse Universe

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



70, 28.617, 326.886



84, 41.884, 327.170



78, 19.881, 163.480



40, 7.314, 326.152



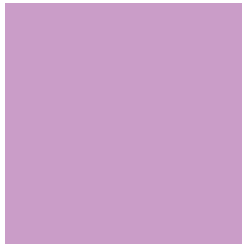
39, 80.869, 330.065



5, 28.026, 328.968

Previews

White Background



This preview shows how the CIELCh color 70, 28.619, 326.886 looks on a white background.

Color Contrast Check

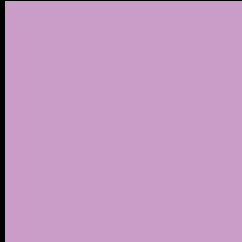
Large Text (above 18pt) WCAG AA × Fail

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, 28.619, 326.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

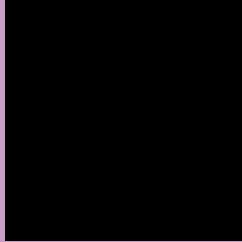
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 28.619, 326.886

Background



This preview shows how black text looks on a background with the CIELCh color 70, 28.619, 326.886.




This preview shows how white text looks on a background with the CIELCh color 70, 28.619, 326.886.

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
70, 15.820, 354.319

Trichromacy



Original Color
70, 28.619, 326.886

Protanomaly
70, 22.964, 302.808

Deuteranomaly
70, 21.352, 313.617

Tritanomaly
70, 19.927, 340.193

Monochromacy



Original Color
70, 28.619, 326.886

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 10.834, 326.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 28.619, 326.886 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(202, 157, 200)` looks like.

```
.text, #text, p{  
    color:rgb(202, 157, 200)  
}
```

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(202, 157, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 157, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 28.619, 326.886 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(202, 157, 200) }
```

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

```
.border{ border-color:rgb(202, 157, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 157, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 157, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 157, 200);  
box-shadow:4px 4px 4px 4px rgb(202, 157,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 28.619, 326.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 157, 200) }
```

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

```
.background{ background-color: rgb(202,  
157, 200) }
```

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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