

Converting Colors

CIELCh(70, 19.062, 350.302)

Have a look what the booklet for
CIELCh(70, 19.062, 350.302)
contains.

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Color

CIELCh(70, 19.062, 350.302)

Conversions

Conversions Part 1

Format	Color
Hex	CA9FB1
RGB	202, 159, 177
RGB Percent	79%, 62%, 69%
CMY	0.2061, 0.3748, 0.3042
CMYK	0.00, 0.21, 0.12, 0.21
HSL	335°, 29%, 71%
HSV	335°, 21%, 79%
XYZ	44.9243, 40.7494, 47.3147
YIQ	173.9090, 19.8500, 14.7140

Conversions

Conversions Part 2

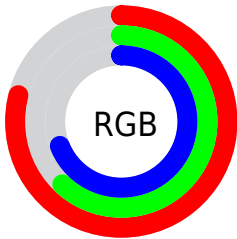
Format	Color
RYP	202, 159, 177
Decimal	13279153
CIELab	70.00, 18.79, -3.21
CIElCh	70, 19.062, 350.302
Yxy	40.7494, 0.3378, 0.3064
Android (android.graphics.Color)	4291469233 (0xFFCA9FB1)
YUV	173.9090, 1.5239, 24.6358
Hunter-Lab	63.8353, 13.9083, 0.7390

Details

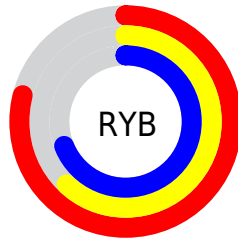
The CIELCh color $70, 19.062, 350.302$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 18.341, 166.338$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 17.766, 347.098$, and $50, 18.971, 350.506$ is the 20% darker color. If you saturate the color by 10%, you get $65, 28.277, 351.483$, and if you desaturate by 10%, it is $75, 9.959, 349.261$.

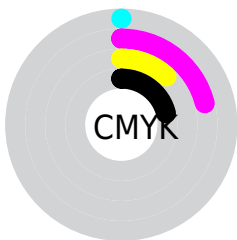
Distribution



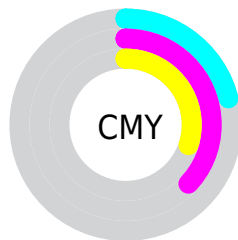
- Red (79%)
- Green (62%)
- Blue (69%)



- Red (79%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (21%)





- Cyan (21%)
- Magenta (37%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 19.062, 350.302 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, 19.062, 350.302 by changing the saturation by 10% instead.


 70, 19.062,
350.302


 70, 19.062,
350.302


 100, 19.062,
350.302


 60, 19.062,
350.302


 90, 19.062,
350.302

 50, 19.062,
350.302

 40, 19.062,
350.302

 30, 19.062,
350.302

 20, 19.062,
350.302

 10, 19.062,
350.302

 0, 19.062, 350.302

70, 19.062,
350.302

70, 19.062,
350.302

65, 28.277,
351.483

75, 9.959, 349.261

60, 37.411,
352.852

81, 1.093, 347.997

86, 7.474, 167.643

56, 46.166,
354.484

92, 15.718,
166.874

52, 54.141,
356.477

96, 20.524,
170.235

48, 60.879,
358.966

96, 18.023,
186.865

46, 65.976, 2.120

97, 17.354,
198.355

44, 69.272, 6.109

43, 71.112, 10.223

Harmonies

Complementary

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



70, 19.062, 350.302



78, 18.341, 166.338

Rectangle

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



70, 19.062, 350.302



70, 19.062, 40.302



70, 19.062, 170.302



70, 19.062, 220.302

Sweetspot

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



70, 19.060, 350.305



96, 6.358, 348.742



69, 25.289, 312.296



51, 4.221, 348.810



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, 19.060, 350.305



84, 27.159, 350.767



70, 16.010, 26.345



40, 5.039, 349.077



35, 61.237, 9.418



4, 19.219, 358.464

Inverse Universe

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



70, 19.060, 350.305



84, 27.159, 350.767



78, 13.864, 204.821



40, 5.039, 349.077



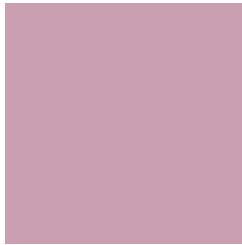
35, 61.237, 9.418



4, 19.219, 358.464

Previews

White Background



This preview shows how the CIELCh color 70, 19.062, 350.302 looks on a white background.

Color Contrast Check

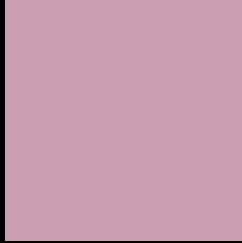
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 19.062, 350.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

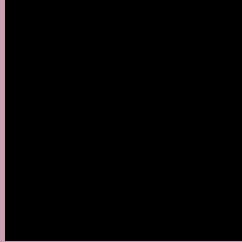
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 19.062, 350.302

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.062, 350.302.



This preview shows how white text looks on a background with the CIELCh color 70, 19.062, 350.302.

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, 19.062, 350.302

Protanopia

70, 7.688, 293.664

Deuteranopia

70, 9.354, 344.506



Tritanopia
70, 17.596, 357.407

Trichromacy



Original Color
70, 19.062, 350.302

Protanomaly
70, 10.643, 324.895

Deuteranomaly
70, 12.779, 346.874

Tritanomaly
70, 18.001, 354.179

Monochromacy



Original Color
70, 19.062, 350.302

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.571, 350.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.062, 350.302 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, 159, 177)` looks like.

```
.text, #text, p{  
    color:rgb(202, 159, 177)  
}
```

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, 159, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 159, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.062, 350.302 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, 159, 177) }
```

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

```
.border{ border-color:rgb(202, 159, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 159, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 159, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 159, 177);  
box-shadow:4px 4px 4px 4px rgb(202, 159,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.062, 350.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 159, 177) }
```

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

```
.background{ background-color: rgb(202,  
159, 177) }
```

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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