

Converting Colors

CIELCh(70, 21.453, 328.373)

Have a look what the booklet for
CIELCh(70, 21.453, 328.373)
contains.

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Color

CIELCh(70, 21.768, 327.856)

Conversions

Conversions Part 1

Format	Color
Hex	C3A0C0
RGB	195, 160, 192
RGB Percent	76%, 63%, 75%
CMY	0.2338, 0.3711, 0.2455
CMYK	0.00, 0.18, 0.02, 0.23
HSL	305°, 23%, 70%
HSV	305°, 18%, 77%
XYZ	44.8004, 40.7494, 55.5993
YIQ	174.1130, 10.5880, 17.3720

Conversions

Conversions Part 2

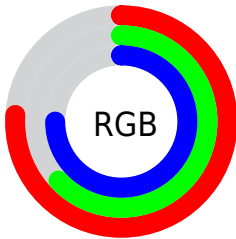
Format	Color
RYB	195, 160, 192
Decimal	12820672
CIELab	70.00, 18.43, -11.58
CIELCh	70, 21.768, 327.856
Yxy	40.7494, 0.3174, 0.2887
Android (android.graphics.Color)	4291010752 (0xFFC3A0C0)
YUV	174.1130, 8.8183, 18.3179
Hunter-Lab	63.8353, 13.5619, -6.9558

Details

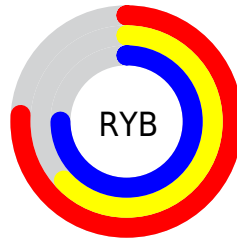
The CIELCh color `70, 21.768, 327.856` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `76, 21.733, 145.697`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 21.568, 328.367`, and `50, 22.182, 327.385` is the 20% darker color. If you saturate the color by 10%, you get `65, 33.919, 328.438`, and if you desaturate by 10%, it is `75, 9.573, 327.266`.

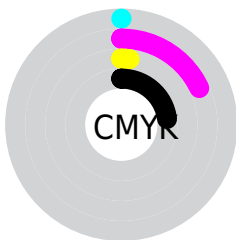
Distribution



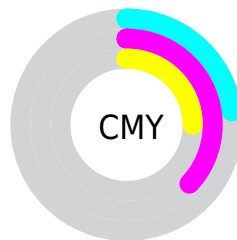
- Red (76%)
- Green (63%)
- Blue (75%)



- Red (76%)
- Yellow (63%)
- Blue (75%)



- Cyan (0%)
- Magenta (18%)
- Yellow (2%)
- Black (23%)





- Cyan (23%)
- Magenta (37%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 21.768, 327.856 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, 21.768, 327.856 by changing the saturation by 10% instead.


 70, 21.768,
327.856


 70, 21.768,
327.856


 100, 21.768,
327.856


 60, 21.768,
327.856


 90, 21.768,
327.856

 50, 21.768,
327.856

 40, 21.768,
327.856

 30, 21.768,
327.856

 20, 21.768,
327.856

 10, 21.768,
327.856

 0, 21.768, 327.856

70, 21.768,
327.856

70, 21.768,
327.856

65, 33.919,
328.438

75, 9.573, 327.266

61, 45.777,
329.012

80, 2.484, 146.841

57, 56.987,
329.569

85, 14.296,
146.202

53, 67.108,
330.099

90, 25.800,
145.667

50, 75.641,
330.596

95, 35.120,
145.369

48, 82.122,
331.058

95, 34.429,
146.206


46, 86.248,
331.488

95, 33.744,
147.075

46, 88.123,

95, 33.065,
147.978

331.901

 95, 32.393,
148.916

 45, 88.405,
331.986

Harmonies

Complementary

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



70, 21.768, 327.856



76, 21.733, 145.697

Rectangle

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



70, 21.768, 327.856



70, 21.768, 17.856



70, 21.768, 147.856



70, 21.768, 197.856

Sweetspot

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



70, 21.766, 327.856



97, 7.491, 327.088



67, 19.408, 295.147



51, 5.113, 327.134



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, 21.766, 327.856



86, 33.197, 328.115



69, 15.536, 350.054



38, 6.814, 327.353



37, 76.537, 331.927



4, 22.356, 329.393

Inverse Universe

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



70, 21.766, 327.856



86, 33.197, 328.115



76, 15.039, 166.791



38, 6.814, 327.353



37, 76.537, 331.927



4, 22.356, 329.393

Previews

White Background



This preview shows how the CIELCh color 70, 21.768, 327.856 looks on a white background.

Color Contrast Check

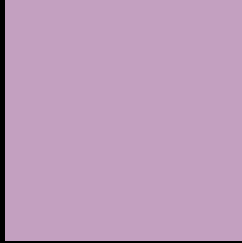
Large Text (above 18pt) WCAG AA × Fail

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, 21.768, 327.856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

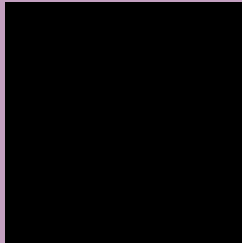
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 21.768, 327.856

Background



This preview shows how black text looks on a background with the CIELCh color 70, 21.768, 327.856.



This preview shows how white text looks on a background with the CIELCh color 70, 21.768, 327.856.

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, 21.768, 327.856

Protanopia

70, 15.916, 286.727

Deuteranopia

70, 13.918, 309.626



Tritanopia
70, 13.435, 348.792

Trichromacy



Original Color
70, 21.768, 327.856

Protanomaly
70, 16.891, 303.927

Deuteranomaly
70, 16.562, 317.594

Tritanomaly
70, 16.258, 338.703

Monochromacy



Original Color
70, 21.768, 327.856

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 8.197, 326.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 21.768, 327.856 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(195, 160, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 160, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 21.768, 327.856 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, 192) }
```

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

```
.border{ border-color:rgb(195, 160, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 160, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 160, 192);  
box-shadow:4px 4px 4px 4px rgb(195, 160,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 21.768, 327.856 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, 192) }
```

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

```
.background{ background-color: rgb(195,  
160, 192) }
```

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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