

Converting Colors

CIELCh(70, 12.833, 350.816)

Have a look what the booklet for
CIELCh(70, 12.833, 350.816)
contains.

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Color

CIELCh(70, 13.173, 350.837)

Conversions

Conversions Part 1

Format	Color
Hex	C1A3AF
RGB	193, 163, 175
RGB Percent	76%, 64%, 69%
CMY	0.2422, 0.3599, 0.3128
CMYK	0.00, 0.16, 0.09, 0.24
HSL	336°, 20%, 70%
HSV	336°, 16%, 76%
XYZ	42.9522, 40.7494, 46.2791
YIQ	173.3380, 14.0280, 10.0920

Conversions

Conversions Part 2

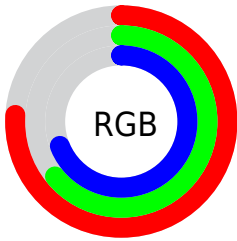
Format	Color
RYB	193, 163, 175
Decimal	12690351
CIELab	70.00, 13.00, -2.10
CIELCh	70, 13.173, 350.837
Yxy	40.7494, 0.3305, 0.3135
Android (android.graphics.Color)	4290880431 (0xFFC1A3AF)
YUV	173.3380, 0.8194, 17.2436
Hunter-Lab	63.8353, 8.3938, 1.7008

Details

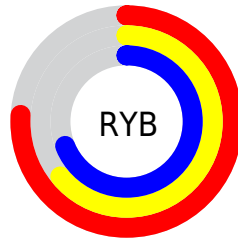
The CIELCh color $70, 13.173, 350.837$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 12.779, 168.040$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 13.143, 352.155$, and $50, 13.349, 349.504$ is the 20% darker color. If you saturate the color by 10%, you get $65, 21.922, 351.951$, and if you desaturate by 10%, it is $75, 4.618, 349.816$.

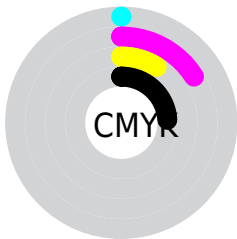
Distribution



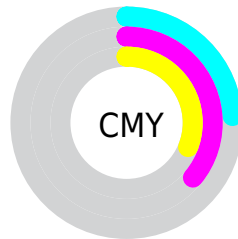
- Red (76%)
- Green (64%)
- Blue (69%)



- Red (76%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (24%)





- Cyan (24%)
- Magenta (36%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 13.173, 350.837 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, 13.173, 350.837 by changing the saturation by 10% instead.


 70, 13.173,
350.837


 70, 13.173,
350.837


 100, 13.173,
350.837


 60, 13.173,
350.837


 90, 13.173,
350.837

 50, 13.173,
350.837

 40, 13.173,
350.837

 30, 13.173,
350.837

 20, 13.173,
350.837

 10, 13.173,
350.837

 0, 13.173, 350.837

70, 13.173,
350.837

70, 13.173,
350.837

65, 21.922,
351.951

75, 4.618, 349.816

60, 30.732,
353.227

81, 3.659, 169.168

56, 39.379,
354.731

86, 11.627,
168.313

51, 47.542,
356.548

91, 19.277,
167.596

48, 54.815,
358.795

95, 23.965,
170.063

45, 60.770, 1.625

96, 21.317,
183.826

43, 65.103, 5.215

96, 20.140,
198.179

41, 67.825, 9.704

Harmonies

Complementary

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



70, 13.173, 350.837



76, 12.779, 168.040

Rectangle

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



70, 13.173, 350.837



70, 13.173, 40.837



70, 13.173, 170.837



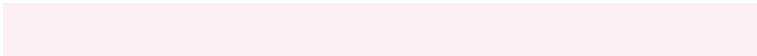
70, 13.173, 220.837

Sweetspot

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



70, 13.171, 350.841



96, 5.187, 349.767



69, 17.798, 313.134



51, 3.571, 349.845



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, 13.171, 350.841



87, 20.125, 351.245



70, 10.687, 29.023



38, 4.776, 350.211



34, 59.972, 11.069



3, 15.099, 358.166

Inverse Universe

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



70, 13.171, 350.841



87, 20.125, 351.245



75, 9.644, 208.435



38, 4.776, 350.211



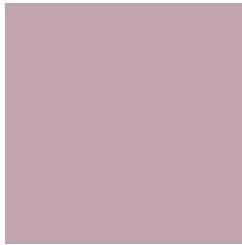
34, 59.972, 11.069



3, 15.099, 358.166

Previews

White Background



This preview shows how the CIELCh color 70, 13.173, 350.837 looks on a white background.

Color Contrast Check

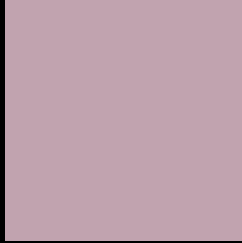
Large Text (above 18pt) WCAG AA × Fail

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, 13.173, 350.837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

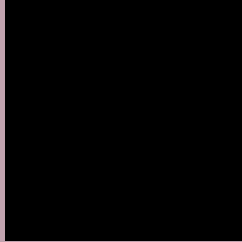
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 13.173, 350.837

Background



This preview shows how black text looks on a background with the CIELCh color 70, 13.173, 350.837.



This preview shows how white text looks on a background with the CIELCh color 70, 13.173, 350.837.

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, 13.173, 350.837

Protanopia

70, 5.001, 299.173

Deuteranopia

70, 9.055, 347.330



Tritanopia
70, 13.435, 348.792

Trichromacy



Original Color
70, 13.173, 350.837

Protanomaly
70, 7.118, 329.749

Deuteranomaly
70, 10.640, 349.513

Tritanomaly
70, 13.435, 348.792

Monochromacy



Original Color
70, 13.173, 350.837

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.714, 352.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 13.173, 350.837 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(193, 163, 175)` looks like.

```
.text, #text, p{  
    color:rgb(193, 163, 175)  
}
```

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(193, 163, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 163, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 13.173, 350.837 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(193, 163, 175) }
```

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

```
.border{ border-color:rgb(193, 163, 175) }
```

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

Here you see how a box with a 4 pixel rgb(193, 163, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 163, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 163, 175);  
box-shadow:4px 4px 4px 4px rgb(193, 163,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 13.173, 350.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 163, 175) }
```

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

```
.background{ background-color: rgb(193,  
163, 175) }
```

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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