

Converting Colors

CIELCh(70, 15.666, 338.124)

Have a look what the booklet for
CIELCh(70, 15.666, 338.124)
contains.

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Color

CIELCh(70, 15.335, 338.243)

Conversions

Conversions Part 1

Format	Color
Hex	C1A3B6
RGB	193, 163, 182
RGB Percent	76%, 64%, 71%
CMY	0.2443, 0.3619, 0.2875
CMYK	0.00, 0.16, 0.06, 0.24
HSL	322°, 19%, 70%
HSV	322°, 16%, 76%
XYZ	43.3692, 40.7494, 49.6701
YIQ	174.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

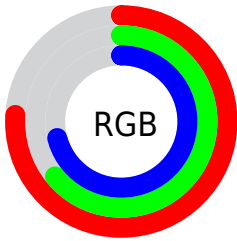
Format	Color
R _Y B	193, 163, 182
Decimal	12690358
CIE Lab	70.00, 14.24, -5.68
CIE LCh	70, 15.335, 338.243
Yxy	40.7494, 0.3242, 0.3046
Android (android.graphics.Color)	4290880438 (0xFFC1A3B6)
YUV	174.1360, 3.8770, 16.5437
Hunter-Lab	63.8353, 9.5598, -1.4487

Details

The CIELCh color $70, 15.335, 338.243$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 15.181, 155.940$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 15.461, 338.422$, and $50, 15.343, 338.136$ is the 20% darker color. If you saturate the color by 10%, you get $65, 25.305, 339.071$, and if you desaturate by 10%, it is $75, 5.435, 337.448$.

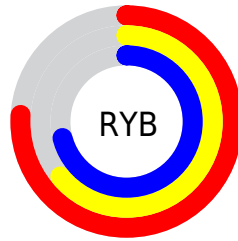
Distribution



Red (76%)

Green (64%)

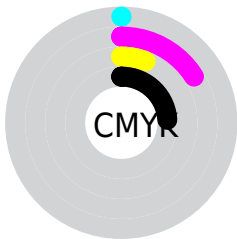
Blue (71%)



Red (76%)

Yellow (64%)

Blue (71%)

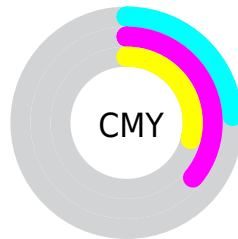


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 15.335, 338.243 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, 15.335, 338.243 by changing the saturation by 10% instead.


 70, 15.335,
338.243


 70, 15.335,
338.243


 100, 15.335,
338.243


 60, 15.335,
338.243


 90, 15.335,
338.243

 50, 15.335,
338.243

 40, 15.335,
338.243

 30, 15.335,
338.243

 20, 15.335,
338.243

 10, 15.335,
338.243

 0, 15.335, 338.243

70, 15.335,
338.243

70, 15.335,
338.243

65, 25.305,
339.071

75, 5.435, 337.448

60, 35.166,
339.967

80, 4.272, 156.892

56, 44.639,
340.956

86, 13.724,
156.181

52, 53.345,
342.070

91, 22.889,
155.558

49, 60.818,
343.358

95, 29.374,
156.142

46, 66.568,
344.888

95, 26.909,
161.639

44, 70.206,
346.752

95, 24.702,
168.138

43, 71.625,

96, 22.834,
175.766

349.058

■ 96, 21.399,
184.549

■ 42, 71.888,
350.178

Harmonies

Complementary

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



70, 15.335, 338.243



75, 15.181, 155.940

Rectangle

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



70, 15.335, 338.243



70, 15.335, 28.243



70, 15.335, 158.243



70, 15.335, 208.243

Sweetspot

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



70, 15.333, 338.245



95, 6.032, 337.407



69, 17.043, 305.131



50, 4.117, 337.467



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 15.333, 338.245



86, 23.174, 338.547



70, 11.818, 9.857



38, 5.584, 337.755



35, 62.987, 349.775



3, 17.290, 344.236

Inverse Universe

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



70, 15.333, 338.245



86, 23.174, 338.547



76, 10.972, 187.230



38, 5.584, 337.755



35, 62.987, 349.775



3, 17.290, 344.236

Previews

White Background



This preview shows how the CIELCh color 70, 15.335, 338.243 looks on a white background.

Color Contrast Check

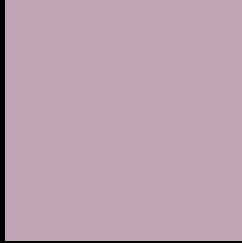
Large Text (above 18pt) WCAG AA × Fail

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, 15.335, 338.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

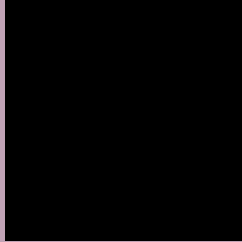
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 15.335, 338.243

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.335, 338.243.



This preview shows how white text looks on a background with the CIELCh color 70, 15.335, 338.243.

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, 15.335, 338.243

Protanopia

70, 8.769, 291.055

Deuteranopia

70, 10.422, 328.324



Tritanopia
70, 12.499, 348.981

Trichromacy



Original Color
70, 15.335, 338.243

Protanomaly
70, 10.214, 314.398

Deuteranomaly
70, 12.057, 333.960

Tritanomaly
70, 13.075, 344.862

Monochromacy



Original Color
70, 15.335, 338.243

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.658, 337.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 15.335, 338.243 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(193, 163, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 163, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.335, 338.243 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, 182) }
```

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

```
.border{ border-color:rgb(193, 163, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 163, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 163, 182);  
box-shadow:4px 4px 4px 4px rgb(193, 163,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.335, 338.243 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, 182) }
```

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

```
.background{ background-color: rgb(193,  
163, 182) }
```

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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