

Converting Colors

CIELCh(60, 35.623, 333.016)

Have a look what the booklet for
CIELCh(60, 35.623, 333.016)
contains.

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Color

CIELCh(60, 35.623, 333.016)

Conversions

Conversions Part 1

Format	Color
Hex	BB7DAE
RGB	187, 125, 174
RGB Percent	73%, 49%, 68%
CMY	0.2683, 0.5113, 0.3192
CMYK	0.00, 0.33, 0.07, 0.27
HSL	313°, 31%, 61%
HSV	313°, 33%, 73%
XYZ	35.2787, 28.1233, 43.4087
YIQ	149.1240, 21.2230, 28.3830

Conversions

Conversions Part 2

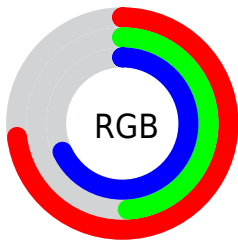
Format	Color
R _{YB}	187, 125, 174
Decimal	12287406
CIE _{Lab}	60.00, 31.74, -16.16
CIE _{LCh}	60, 35.623, 333.016
Yxy	28.1233, 0.3303, 0.2633
Android (android.graphics.Color)	4290477486 (0xFFBB7DAE)
YUV	149.1240, 12.2639, 33.2173
Hunter-Lab	53.0314, 25.9406, -11.4096

Details

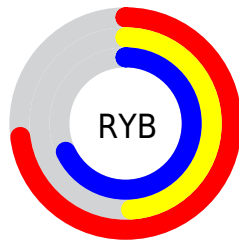
The CIELCh color `60, 35.623, 333.016` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `71, 35.457, 148.288`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `80, 36.081, 332.718`, and `40, 35.658, 332.896` is the 20% darker color. If you saturate the color by 10%, you get `56, 45.906, 333.722`, and if you desaturate by 10%, it is `65, 24.944, 332.334`.

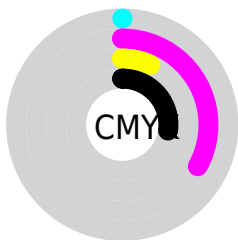
Distribution



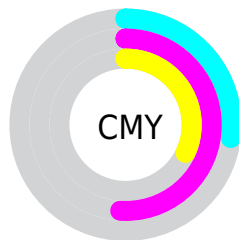
- Red (73%)
- Green (49%)
- Blue (68%)



- Red (73%)
- Yellow (49%)
- Blue (68%)



- Cyan (0%)
- Magenta (33%)
- Yellow (7%)
- Black (27%)





- Cyan (27%)
- Magenta (51%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 35.623, 333.016 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 60, 35.623, 333.016 by changing the saturation by 10% instead.


 60, 35.623,
333.016


 60, 35.623,
333.016


 100, 35.623,
333.016


 50, 35.623,
333.016


 80, 35.623,
333.016

 40, 35.623,
333.016

 90, 35.623,
333.016


 30, 35.623,
333.016

 20, 35.623,
333.016

 10, 35.623,
333.016

 0, 35.623, 333.016

 60, 35.623,

 60, 35.623,

333.016

56, 45.906,
333.722

52, 55.432,
334.457

49, 63.747,
335.228

46, 70.369,
336.054

44, 74.888,
336.962

43, 77.114,
337.992

42, 77.695,
338.756

333.016

65, 24.944,
332.334

69, 14.147,
331.671

74, 3.418, 330.977


79, 7.125, 150.504

84, 17.412,
149.906

89, 27.406,
149.356

94, 36.958,
148.867

94, 35.414,
150.905

 95, 33.907,
153.116

Harmonies

Complementary

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



60, 35.623, 333.016



71, 35.457, 148.288

Rectangle

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



60, 35.623, 333.016



60, 35.623, 23.016



60, 35.623, 153.016



60, 35.623, 203.016

Sweetspot

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



60, 35.621, 333.016



89, 13.214, 331.471



56, 35.921, 300.787



47, 9.097, 331.564



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



60, 35.621, 333.016



73, 52.708, 333.539



59, 26.725, 359.698



37, 6.110, 331.417



36, 68.868, 338.594



3, 17.462, 334.728

Inverse Universe

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



60, 35.621, 333.016



73, 52.708, 333.539



71, 24.231, 172.671



37, 6.110, 331.417



36, 68.868, 338.594



3, 17.462, 334.728

Previews

White Background



This preview shows how the CIELCh color 60, 35.623, 333.016 looks on a white background.

Color Contrast Check

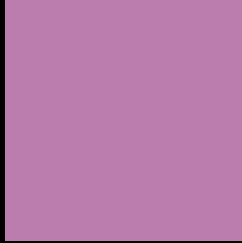
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 35.623, 333.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

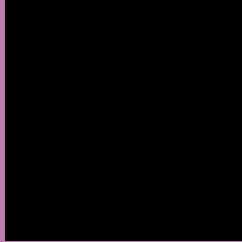
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 35.623, 333.016

Background



This preview shows how black text looks on a background with the CIELCh color 60, 35.623, 333.016.

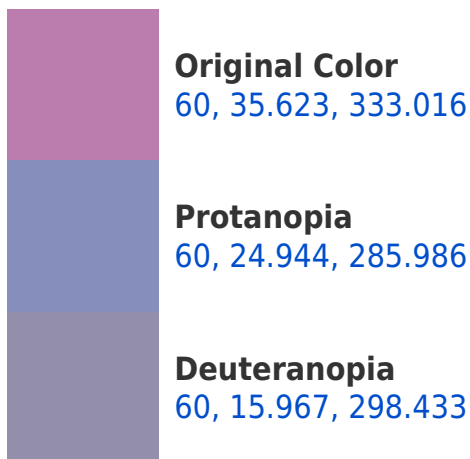


This preview shows how white text looks on a background with the CIELCh color 60, 35.623, 333.016.

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
60, 21.255, 6.566

Trichromacy



Original Color
60, 35.623, 333.016

Protanomaly
60, 26.846, 305.840

Deuteranomaly
60, 21.909, 317.037

Tritanomaly
60, 25.243, 350.176

Monochromacy



Original Color
60, 35.623, 333.016

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 13.465, 332.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 35.623, 333.016 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(187, 125, 174)` looks like.

```
.text, #text, p{  
    color:rgb(187, 125, 174)  
}
```

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(187, 125, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 125, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 35.623, 333.016 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(187, 125, 174) }
```

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

```
.border{ border-color:rgb(187, 125, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 125, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 125, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 125, 174); box-shadow:4px 4px 4px 4px rgb(187, 125, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 35.623, 333.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 125, 174) }
```

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

```
.background{ background-color: rgb(187,  
125, 174) }
```

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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