

Converting Colors

CIELCh(61, 33.513, 322.633)

Have a look what the booklet for
CIELCh(61, 33.513, 322.633)
contains.

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Color

CIELCh(61, 33.143, 323.102)

Conversions

Conversions Part 1

Format	Color
Hex	B284B7
RGB	178, 132, 183
RGB Percent	70%, 52%, 72%
CMY	0.3033, 0.4836, 0.2836
CMYK	0.03, 0.28, 0.00, 0.28
HSL	294°, 26%, 62%
HSV	294°, 28%, 72%
XYZ	35.0055, 29.2481, 48.4199
YIQ	151.5680, 11.0450, 25.6130

Conversions

Conversions Part 2

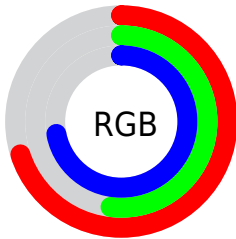
Format	Color
R_{YB}	178, 132, 183
Decimal	11699383
CIE _{Lab}	61.00, 26.50, -19.90
CIE _{LCh}	61, 33.143, 323.102
Yxy	29.2481, 0.3107, 0.2596
Android (android.graphics.Color)	4289889463 (0xFFB284B7)
YUV	151.5680, 15.4960, 23.1809
Hunter-Lab	54.0815, 20.8956, -15.2260

Details

The CIELCh color $61, 33.143, 323.102$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $70, 32.956, 140.128$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 32.773, 322.956$, and $41, 33.095, 323.286$ is the 20% darker color. If you saturate the color by 10%, you get $57, 44.869, 323.558$, and if you desaturate by 10%, it is $66, 21.217, 322.621$.

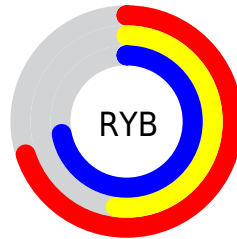
Distribution



Red (70%)

Green (52%)

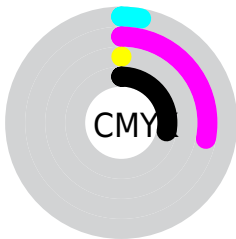
Blue (72%)



Red (70%)

Yellow (52%)

Blue (72%)

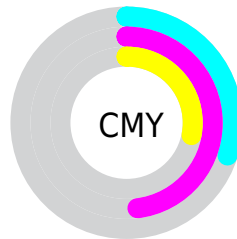


Cyan (3%)

Magenta (28%)

Yellow (0%)

Black (28%)



Cyan (30%)


Magenta (48%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 33.143, 323.102 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 61, 33.143, 323.102 by changing the saturation by 10% instead.


 61, 33.143,
323.102


 61, 33.143,
323.102


 100, 33.143,
323.102


 51, 33.143,
323.102


 81, 33.143,
323.102

 41, 33.143,
323.102

 91, 33.143,
323.102

 31, 33.143,
323.102

 21, 33.143,
323.102

 11, 33.143,
323.102

 1, 33.143, 323.102

 0, 33.143, 323.102

61, 33.143,
323.102

61, 33.143,
323.102

57, 44.869,
323.558

66, 21.217,
322.621

53, 56.097,
323.969

70, 9.313, 322.125

49, 66.424,
324.311

75, 2.429, 141.761

46, 75.378,
324.556

80, 13.919,
141.223

43, 82.477,
324.676

85, 25.109,
140.773

42, 87.361,
324.648

90, 35.975,
140.351


40, 90.071,
324.473

94, 43.825,
139.894

40, 90.545,

94, 43.480,
139.247

324.431

 94, 43.139,
138.585

Harmonies

Complementary

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



61, 33.143, 323.102



70, 32.956, 140.128

Rectangle

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



61, 33.143, 323.102



61, 33.143, 13.102



61, 33.143, 143.102



61, 33.143, 193.102

Sweetspot

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



61, 33.141, 323.102



89, 11.648, 322.136



58, 26.109, 289.367



47, 8.354, 322.212



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 33.141, 323.102



75, 48.396, 323.363



61, 25.881, 340.875



36, 6.705, 322.197



34, 80.403, 324.477



3, 17.952, 320.578

Inverse Universe

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



60, 20.967, 14.062



73, 31.149, 14.852



70, 25.373, 156.272



36, 4.030, 11.999



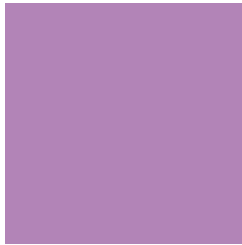
32, 68.143, 35.325



2, 10.711, 13.460

Previews

White Background



This preview shows how the CIELCh color 61, 33.143, 323.102 looks on a white background.

Color Contrast Check

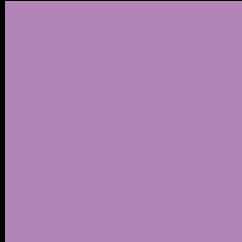
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 61, 33.143, 323.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

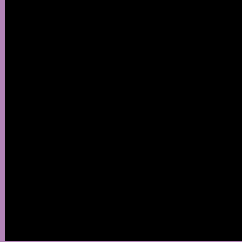
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 33.143, 323.102

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.143, 323.102.



This preview shows how white text looks on a background with the CIELCh color 61, 33.143, 323.102.

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
61, 15.105, 356.985

Trichromacy



Original Color
61, 33.143, 323.102

Protanomaly
61, 27.370, 300.302

Deuteranomaly
61, 24.007, 307.221

Tritanomaly
61, 20.484, 338.425

Monochromacy



Original Color
61, 33.143, 323.102

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.514, 322.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.143, 323.102 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(178, 132, 183)` looks like.

```
.text, #text, p{  
    color:rgb(178, 132, 183)  
}
```

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(178, 132, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 132, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.143, 323.102 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(178, 132, 183) }
```

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

```
.border{ border-color:rgb(178, 132, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 132, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 132, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 132, 183);  
box-shadow:4px 4px 4px 4px rgb(178, 132,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.143, 323.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 132, 183) }
```

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

```
.background{ background-color: rgb(178,  
132, 183) }
```

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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