

Converting Colors

CIELCh(62, 33.584, 333.278)

Have a look what the booklet for
CIELCh(62, 33.584, 333.278)
contains.

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Color

CIELCh(62, 33.584, 333.278)

Conversions

Conversions Part 1

Format	Color
Hex	BE83B1
RGB	190, 131, 177
RGB Percent	75%, 51%, 69%
CMY	0.2544, 0.4858, 0.3054
CMYK	0.00, 0.31, 0.07, 0.25
HSL	313°, 31%, 63%
HSV	313°, 31%, 75%
XYZ	37.3420, 30.4025, 45.5541
YIQ	153.8850, 20.3980, 26.8140

Conversions

Conversions Part 2

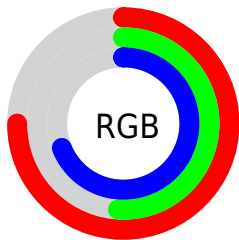
Format	Color
R_{YB}	190, 131, 177
Decimal	12485553
CIE _{Lab}	62.00, 30.00, -15.10
CIE _{LCh}	62, 33.584, 333.278
Yxy	30.4025, 0.3296, 0.2683
Android (android.graphics.Color)	4290675633 (0xFFBE83B1)
YUV	153.8850, 11.3957, 31.6729
Hunter-Lab	55.1385, 24.3951, -10.3870

Details

The CIELCh color $62, 33.584, 333.278$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 33.404, 148.865$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 33.501, 333.100$, and $42, 33.816, 333.685$ is the 20% darker color. If you saturate the color by 10%, you get $58, 44.065, 333.994$, and if you desaturate by 10%, it is $67, 22.772, 332.589$.

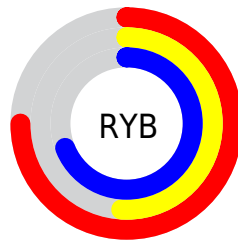
Distribution



Red (75%)

Green (51%)

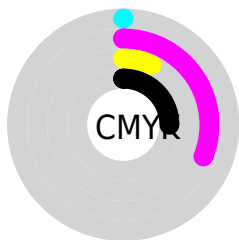
Blue (69%)



Red (75%)

Yellow (51%)

Blue (69%)

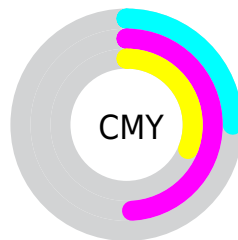


Cyan (0%)

Magenta (31%)

Yellow (7%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 33.584, 333.278 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 62, 33.584, 333.278 by changing the saturation by 10% instead.


 62, 33.584,
333.278


 62, 33.584,
333.278


 100, 33.584,
333.278


 52, 33.584,
333.278


 82, 33.584,
333.278

 42, 33.584,
333.278

 92, 33.584,
333.278

 32, 33.584,
333.278

 22, 33.584,
333.278

 12, 33.584,
333.278

 2, 33.584, 333.278

 0, 33.584, 333.278

62, 33.584,
333.278

62, 33.584,
333.278

58, 44.065,
333.994

67, 22.772,
332.589

54, 53.870,
334.741

71, 11.892,
331.920

50, 62.553,
335.530

76, 1.114, 331.044

47, 69.624,
336.378

82, 9.456, 150.747

45, 74.636,
337.314

87, 19.756,
150.159


44, 77.335,
338.378

92, 29.755,
149.612

43, 78.152,
339.451

95, 33.998,
150.452

95, 32.378,
152.911

 95, 30.810,
155.610

Harmonies

Complementary

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



62, 33.584, 333.278



72, 33.404, 148.865

Rectangle

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



62, 33.584, 333.278



62, 33.584, 23.278



62, 33.584, 153.278



62, 33.584, 203.278

Sweetspot

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



62, 33.582, 333.278



92, 11.995, 331.794



58, 33.985, 301.123



48, 8.411, 331.892



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



62, 33.582, 333.278



76, 49.375, 333.745



61, 25.141, 0.578



37, 6.063, 331.807



35, 68.332, 339.259



3, 17.283, 335.316

Inverse Universe

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



62, 33.582, 333.278



76, 49.375, 333.745



73, 22.814, 174.090



37, 6.063, 331.807



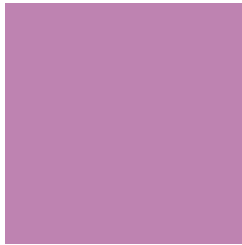
35, 68.332, 339.259



3, 17.283, 335.316

Previews

White Background



This preview shows how the CIELCh color 62, 33.584, 333.278 looks on a white background.

Color Contrast Check

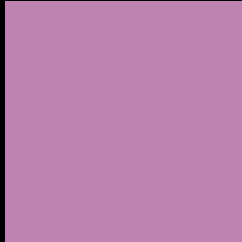
Large Text (above 18pt) WCAG AA × Fail

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 62, 33.584, 333.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

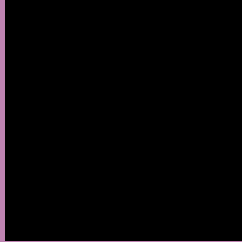
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 33.584, 333.278

Background



This preview shows how black text looks on a background with the CIELCh color 62, 33.584, 333.278.

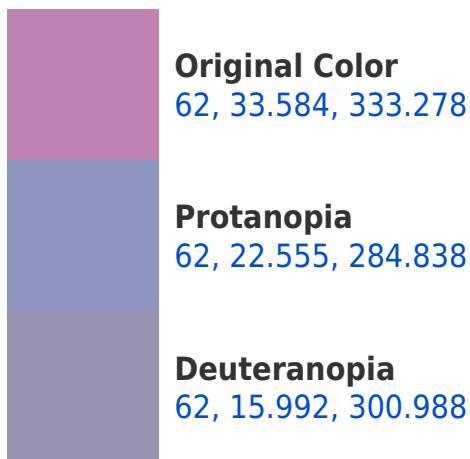


This preview shows how white text looks on a background with the CIELCh color 62, 33.584, 333.278.

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
62, 20.304, 5.741

Trichromacy



Original Color
62, 33.584, 333.278

Protanomaly
62, 24.949, 305.796

Deuteranomaly
62, 21.284, 317.655

Tritanomaly
62, 23.841, 349.570

Monochromacy



Original Color
62, 33.584, 333.278

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 12.051, 332.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 33.584, 333.278 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(190, 131, 177)` looks like.

```
.text, #text, p{  
    color:rgb(190, 131, 177)  
}
```

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(190, 131, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 131, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 33.584, 333.278 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(190, 131, 177) }
```

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

```
.border{ border-color:rgb(190, 131, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 131, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 131, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 131, 177); box-shadow:4px 4px 4px 4px rgb(190, 131, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 33.584, 333.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 131, 177) }
```

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

```
.background{ background-color: rgb(190,  
131, 177) }
```

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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