

Converting Colors

CIELCh(62, 34.383, 340.623)

Have a look what the booklet for
CIELCh(62, 34.383, 340.623)
contains.

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Color

CIELCh(62, 34.414, 340.638)

Conversions

Conversions Part 1

Format	Color
Hex	C581AB
RGB	197, 129, 171
RGB Percent	77%, 51%, 67%
CMY	0.2285, 0.4951, 0.3304
CMYK	0.00, 0.35, 0.13, 0.23
HSL	323°, 37%, 64%
HSV	323°, 35%, 77%
XYZ	38.1029, 30.4025, 42.2636
YIQ	154.1200, 27.0460, 27.4780

Conversions

Conversions Part 2

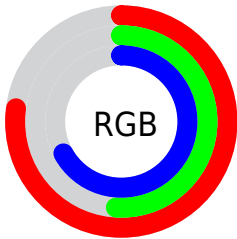
Format	Color
R _Y B	197, 129, 171
Decimal	12943787
CIE Lab	62.00, 32.47, -11.41
CIE LCh	62, 34.414, 340.638
Yxy	30.4025, 0.3440, 0.2745
Android (android.graphics.Color)	4291133867 (0xFFC581AB)
YUV	154.1200, 8.3218, 37.6058
Hunter-Lab	55.1385, 26.8582, -6.8488

Details

The CIELCh color **62, 34.414, 340.638** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **74, 33.703, 154.774**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 34.274, 341.097**, and **42, 34.658, 340.430** is the 20% darker color. If you saturate the color by 10%, you get **58, 44.017, 341.650**, and if you desaturate by 10%, it is **67, 24.454, 339.726**.

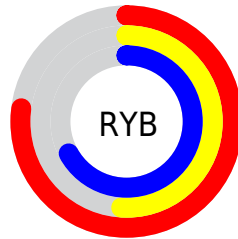
Distribution



Red (77%)

Green (51%)

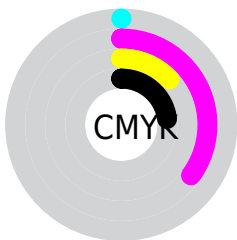
Blue (67%)



Red (77%)

Yellow (51%)

Blue (67%)

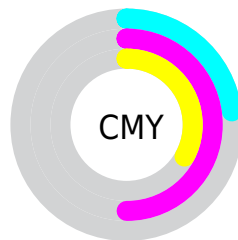


Cyan (0%)

Magenta (35%)

Yellow (13%)

Black (23%)



Cyan (23%)


Magenta (50%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 34.414, 340.638 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, 34.414, 340.638 by changing the saturation by 10% instead.


 62, 34.414,
340.638

 62, 34.414,
340.638


 100, 34.414,
340.638


 52, 34.414,
340.638


 82, 34.414,
340.638

 42, 34.414,
340.638

 92, 34.414,
340.638

 32, 34.414,
340.638

 22, 34.414,
340.638

 12, 34.414,
340.638

 2, 34.414, 340.638

 0, 34.414, 340.638

62, 34.414,
340.638

62, 34.414,
340.638

58, 44.017,
341.650

67, 24.454,
339.726

53, 52.896,
342.795

72, 14.414,
338.887

50, 60.583,
344.123

77, 4.470, 338.067

47, 66.578,
345.708

82, 5.268, 157.507

45, 70.469,
347.647

88, 14.739,
156.804

44, 72.113,
350.056

93, 23.916,
156.179

43, 72.425,
351.528

95, 26.093,
159.444

96, 23.658,
166.450

■ 96, 21.611,
174.869

Harmonies

Complementary

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



62, 34.414, 340.638



74, 33.703, 154.774

Rectangle

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



62, 34.414, 340.638



62, 34.414, 30.638



62, 34.414, 160.638



62, 34.414, 210.638

Sweetspot

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



62, 34.411, 340.639



94, 12.182, 338.532



59, 39.650, 306.393



49, 8.322, 338.647



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 34.411, 340.639



75, 50.167, 341.343



61, 28.123, 12.330



39, 5.642, 338.471



35, 63.207, 351.093



4, 19.263, 345.686

Inverse Universe

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



62, 34.411, 340.639



75, 50.167, 341.343



75, 23.580, 185.558



39, 5.642, 338.471



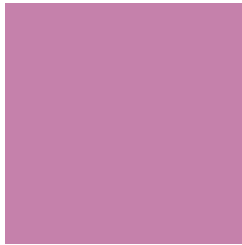
35, 63.207, 351.093



4, 19.263, 345.686

Previews

White Background



This preview shows how the CIELCh color 62, 34.414, 340.638 looks on a white background.

Color Contrast Check

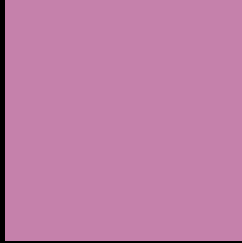
Large Text (above 18pt) WCAG AA × Fail

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, 34.414, 340.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

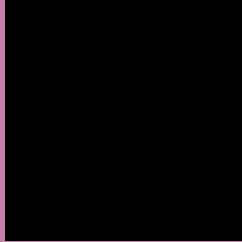
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 34.414, 340.638

Background



This preview shows how black text looks on a background with the CIELCh color 62, 34.414, 340.638.




This preview shows how white text looks on a background with the CIELCh color 62, 34.414, 340.638.

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, 24.749, 9.228

Trichromacy



Original Color
62, 34.414, 340.638

Protanomaly
62, 22.123, 311.389

Deuteranomaly
62, 20.046, 327.223

Tritanomaly
62, 27.453, 356.161

Monochromacy



Original Color
62, 34.414, 340.638

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 12.775, 339.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 34.414, 340.638 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(197, 129, 171)` looks like.

```
.text, #text, p{  
    color:rgb(197, 129, 171)  
}
```

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(197, 129, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 129, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 34.414, 340.638 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(197, 129, 171) }
```

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

```
.border{ border-color:rgb(197, 129, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 129, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 129, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 129, 171);  
box-shadow:4px 4px 4px 4px rgb(197, 129,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 34.414, 340.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 129, 171) }
```

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

```
.background{ background-color: rgb(197,  
129, 171) }
```

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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