

Converting Colors

CIELCh(61, 34.987, 354.249)

Have a look what the booklet for
CIELCh(61, 34.987, 354.249)
contains.

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Color

CIELCh(61, 34.987, 354.249)

Conversions

Conversions Part 1

Format	Color
Hex	CA7B9A
RGB	202, 123, 154
RGB Percent	79%, 48%, 60%
CMY	0.2059, 0.5159, 0.3943
CMYK	0.00, 0.39, 0.24, 0.21
HSL	336°, 43%, 64%
HSV	336°, 39%, 79%
XYZ	37.4962, 29.2481, 34.4364
YIQ	150.1550, 37.1330, 26.3890

Conversions

Conversions Part 2

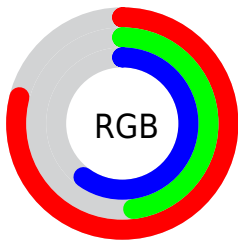
Format	Color
R _Y B	202, 123, 154
Decimal	13269914
CIE Lab	61.00, 34.81, -3.51
CIE LCh	61, 34.987, 354.249
Yxy	29.2481, 0.3706, 0.2891
Android (android.graphics.Color)	4291459994 (0xFFCA7B9A)
YUV	150.1550, 1.8956, 45.4681
Hunter-Lab	54.0815, 29.1163, 0.1041

Details

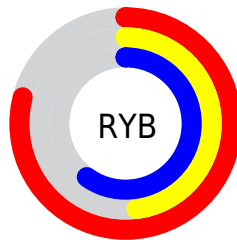
The CIELCh color $61, 34.987, 354.249$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $76, 32.318, 165.904$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 33.019, 352.797$, and $41, 35.057, 354.138$ is the 20% darker color. If you saturate the color by 10%, you get $56, 43.817, 355.881$, and if you desaturate by 10%, it is $66, 25.883, 352.883$.

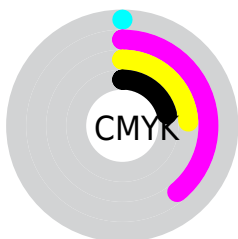
Distribution



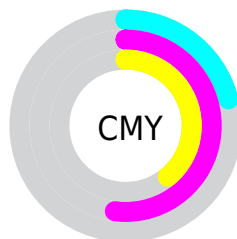
- Red (79%)
- Green (48%)
- Blue (60%)



- Red (79%)
- Yellow (48%)
- Blue (60%)



- Cyan (0%)
- Magenta (39%)
- Yellow (24%)
- Black (21%)




- Cyan (21%)
- Magenta (52%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 34.987, 354.249 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, 34.987, 354.249 by changing the saturation by 10% instead.


 61, 34.987,
354.249


 61, 34.987,
354.249


 100, 34.987,
354.249


 51, 34.987,
354.249


 81, 34.987,
354.249

 41, 34.987,
354.249

 91, 34.987,
354.249

 31, 34.987,
354.249

 21, 34.987,
354.249

 11, 34.987,
354.249

 1, 34.987, 354.249

 0, 34.987, 354.249

61, 34.987,
354.249

61, 34.987,
354.249

56, 43.817,
355.881

66, 25.883,
352.883

52, 52.013,
357.872

71, 16.779,
351.707

49, 59.130, 0.357

77, 7.846, 350.659

46, 64.753, 3.505

82, 0.818, 170.364

44, 68.665, 7.490

88, 9.165, 169.057

43, 71.196, 12.316

93, 17.180,
168.304

43, 71.444, 12.789

96, 19.423,
175.809

97, 17.470,
194.793

■ 97, 17.340,
198.356

Harmonies

Complementary

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



61, 34.987, 354.249



76, 32.318, 165.904

Rectangle

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



61, 34.987, 354.249



61, 34.987, 44.249



61, 34.987, 174.249



61, 34.987, 224.249

Sweetspot

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



61, 34.984, 354.251



92, 12.630, 350.979



59, 47.458, 314.221



48, 8.394, 351.115



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 34.984, 354.251



71, 50.697, 355.634



62, 30.720, 30.585



40, 4.960, 350.697



35, 61.464, 11.951



4, 19.039, 359.976

Inverse Universe

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



61, 34.984, 354.251



71, 50.697, 355.634



74, 23.038, 208.549



40, 4.960, 350.697



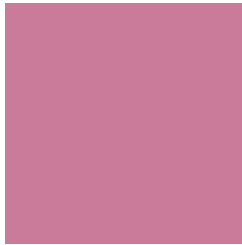
35, 61.464, 11.951



4, 19.039, 359.976

Previews

White Background



This preview shows how the CIELCh color 61, 34.987, 354.249 looks on a white background.

Color Contrast Check

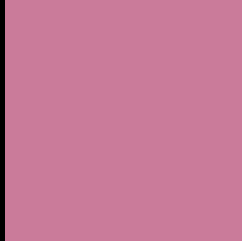
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.987, 354.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

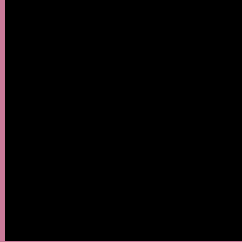
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 34.987, 354.249

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.987, 354.249.



This preview shows how white text looks on a background with the CIELCh color 61, 34.987, 354.249.

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
61, 34.987, 354.249

Protanopia
61, 12.962, 288.415

Deuteranopia
61, 8.017, 346.121



Tritanopia
61, 30.655, 13.598

Trichromacy



Original Color
61, 34.987, 354.249

Protanomaly
61, 17.898, 326.328

Deuteranomaly
61, 17.689, 350.907

Tritanomaly
61, 31.817, 5.995

Monochromacy



Original Color
61, 34.987, 354.249

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.911, 352.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.987, 354.249 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(202, 123, 154)` looks like.

```
.text, #text, p{  
    color:rgb(202, 123, 154)  
}
```

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(202, 123, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 123, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.987, 354.249 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(202, 123, 154) }
```

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

```
.border{ border-color:rgb(202, 123, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 123, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 123, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 123, 154);  
box-shadow:4px 4px 4px 4px rgb(202, 123,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.987, 354.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 123, 154) }
```

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

```
.background{ background-color: rgb(202,  
123, 154) }
```

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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