

Converting Colors

CIELCh(61, 33.540, 314.916)

Have a look what the booklet for
CIELCh(61, 33.540, 314.916)
contains.

CIELCh(61, 33.454, 314.933)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 33.454, 314.933)

Conversions

Conversions Part 1

Format	Color
Hex	A986BD
RGB	169, 134, 189
RGB Percent	66%, 53%, 74%
CMY	0.3364, 0.4737, 0.2580
CMYK	0.11, 0.29, 0.00, 0.26
HSL	278°, 29%, 63%
HSV	278°, 29%, 74%
XYZ	34.1694, 29.2481, 52.1109
YIQ	150.7350, 3.2050, 24.5250

Conversions

Conversions Part 2

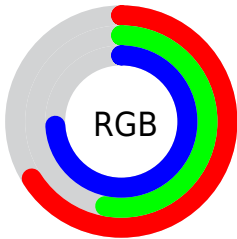
Format	Color
R _Y B	169, 134, 189
Decimal	11110077
CIE Lab	61.00, 23.63, -23.68
CIE LCh	61, 33.454, 314.933
Yxy	29.2481, 0.2958, 0.2532
Android (android.graphics.Color)	4289300157 (0xFFA986BD)
YUV	150.7350, 18.8646, 16.0184
Hunter-Lab	54.0815, 18.1357, -19.2725

Details

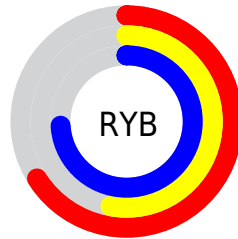
The CIELCh color $61, 33.454, 314.933$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 32.550, 132.363$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 33.595, 315.315$, and $41, 33.649, 314.624$ is the 20% darker color. If you saturate the color by 10%, you get $56, 45.209, 315.375$, and if you desaturate by 10%, it is $66, 21.749, 314.485$.

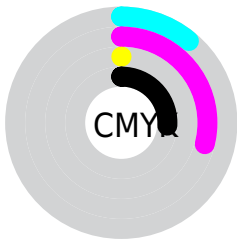
Distribution



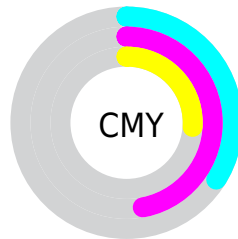
- Red (66%)
- Green (53%)
- Blue (74%)



- Red (66%)
- Yellow (53%)
- Blue (74%)



- Cyan (11%)
- Magenta (29%)
- Yellow (0%)
- Black (26%)





- Cyan (34%)
- Magenta (47%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 33.454, 314.933 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, 33.454, 314.933 by changing the saturation by 10% instead.


 61, 33.454,
314.933


 61, 33.454,
314.933


 100, 33.454,
314.933


 51, 33.454,
314.933


 81, 33.454,
314.933

 41, 33.454,
314.933

 91, 33.454,
314.933

 31, 33.454,
314.933

 21, 33.454,
314.933

 11, 33.454,
314.933

 1, 33.454, 314.933

 0, 33.454, 314.933

61, 33.454,
314.933

61, 33.454,
314.933

56, 45.209,
315.375

66, 21.749,
314.485

51, 56.800,
315.784

72, 10.232,
314.044

46, 67.883,
316.118

77, 1.023, 133.801

42, 77.973,
316.323

83, 11.978,
133.284

38, 86.451,
316.324

88, 22.617,
132.931

36, 92.679,
316.045

94, 32.940,
132.616


34, 96.552,
315.471

96, 36.165,
130.369

33, 96.885,

96, 35.210,
126.690

315.418

 97, 34.410,
122.760

Harmonies

Complementary

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



61, 33.454, 314.933



73, 32.550, 132.363

Rectangle

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



61, 33.454, 314.933



61, 33.454, 4.933



61, 33.454, 134.933



61, 33.454, 184.933

Sweetspot

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



61, 33.452, 314.933



90, 12.513, 314.047



63, 20.376, 272.856



47, 8.706, 314.111



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



61, 33.452, 314.933



73, 49.848, 315.222



63, 33.295, 330.034



37, 6.379, 314.056



27, 84.742, 315.560



2, 18.593, 310.003

Inverse Universe

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



62, 24.186, 354.749



75, 36.085, 355.633



72, 33.232, 146.210



37, 4.573, 352.509



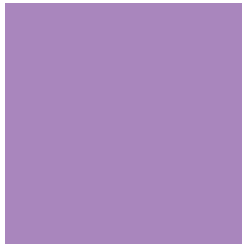
33, 59.715, 14.461



3, 13.109, 359.327

Previews

White Background



This preview shows how the CIELCh color 61, 33.454, 314.933 looks on a white background.

Color Contrast Check

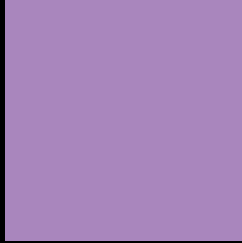
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.454, 314.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

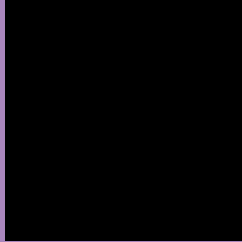
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 33.454, 314.933

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.454, 314.933.

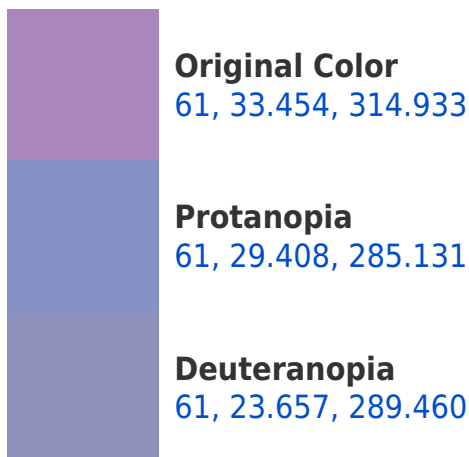



This preview shows how white text looks on a background with the CIELCh color 61, 33.454, 314.933.

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, 10.576, 344.746

Trichromacy



Original Color
61, 33.454, 314.933

Protanomaly
61, 29.943, 295.956

Deuteranomaly
61, 26.815, 300.418

Tritanomaly
61, 18.129, 324.275

Monochromacy



Original Color
61, 33.454, 314.933

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.308, 314.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.454, 314.933 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(169, 134, 189)` looks like.

```
.text, #text, p{  
    color:rgb(169, 134, 189)  
}
```

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(169, 134, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 134, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.454, 314.933 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(169, 134, 189) }
```

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

```
.border{ border-color:rgb(169, 134, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 134, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 134, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 134, 189);  
box-shadow:4px 4px 4px 4px rgb(169, 134,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.454, 314.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 134, 189) }
```

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

```
.background{ background-color: rgb(169,  
134, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor