

# Converting Colors

CIELCh(61, 19.461, 325.355)

Have a look what the booklet for  
CIELCh(61, 19.461, 325.355)  
contains.

<b>CIELCh(61, 19.673, 325.365)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	21
<i><b>Color Blindness Simulation</b></i>	24
<i><b>CSS Examples</b></i>	27

# Color

**CIELCh(61, 19.673, 325.365)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A78AA7
RGB	167, 138, 167
RGB Percent	65%, 54%, 65%
CMY	0.3445, 0.4582, 0.3445
CMYK	0.00, 0.17, 0.00, 0.34
HSL	300°, 14%, 60%
HSV	300°, 17%, 66%
XYZ	32.0684, 29.2481, 40.5893
YIQ	149.9770, 7.9750, 15.1670

# Conversions

## Conversions Part 2

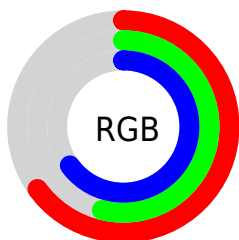
Format	Color
<a href="#">RYB</a>	<a href="#">167, 138, 167</a>
Decimal	<a href="#">10980007</a>
CIELab	<a href="#">61.00, 16.19, -11.18</a>
CIELCh	<a href="#">61, 19.673, 325.365</a>
Yxy	<a href="#">29.2481, 0.3147, 0.2870</a>
Android (android.graphics.Color)	<a href="#">4289170087</a> <a href="#">(0xFFA78AA7)</a>
YUV	<a href="#">149.9770, 8.3923, 14.9292</a>
Hunter-Lab	<a href="#">54.0815, 11.2015, -6.6413</a>

# Details

The CIELCh color **61, 19.673, 325.365** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **66, 19.654, 143.382**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 19.276, 325.169**, and **41, 19.615, 325.652** is the 20% darker color. If you saturate the color by 10%, you get **57, 31.016, 325.900**, and if you desaturate by 10%, it is **65, 8.295, 324.811**.

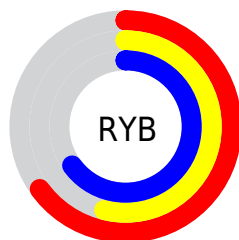
# Distribution



Red (65%)

Green (54%)

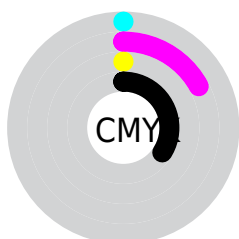
Blue (65%)



Red (65%)

Yellow (54%)

Blue (65%)

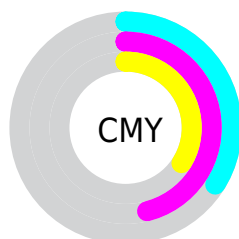


Cyan (0%)

Magenta (17%)

Yellow (0%)

Black (34%)



Cyan (34%)

Magenta (46%)


Yellow (34%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 19.673, 325.365 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, 19.673, 325.365 by changing the saturation by 10% instead.





 61, 19.673,  
325.365


 61, 19.673,  
325.365


 100, 19.673,  
325.365


 51, 19.673,  
325.365


 81, 19.673,  
325.365

 41, 19.673,  
325.365

 91, 19.673,  
325.365

 31, 19.673,  
325.365

 21, 19.673,  
325.365

 11, 19.673,  
325.365

 1, 19.673, 325.365

 0, 19.673, 325.365

61, 19.673,  
325.365

61, 19.673,  
325.365

57, 31.016,  
325.900

65, 8.295, 324.811

53, 42.102,  
326.412

70, 2.954, 144.379

50, 52.622,  
326.886

74, 13.977,  
143.795

46, 62.195,  
327.307

79, 24.712,  
143.282

44, 70.396,  
327.659

84, 35.128,  
142.796

42, 76.829,  
327.930

88, 45.215,  
142.337


41, 81.231,  
328.111


93, 54.880,  
141.909

40, 83.691,

93, 54.880,  
141.909

328.212

 93, 54.880,  
141.909

 40, 84.233,  
328.234

# Harmonies

# Complementary

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



61, 19.673, 325.365



66, 19.654, 143.382

# Rectangle

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



61, 19.673, 325.365



61, 19.673, 15.365



61, 19.673, 145.365



61, 19.673, 195.365

# Sweetspot

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



61, 19.671, 325.365



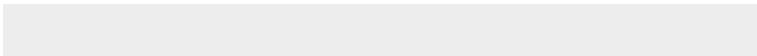
84, 6.962, 324.677



58, 16.489, 292.056



44, 4.790, 324.718



94, 0.011, 296.813



46, 0.006, 296.813





# Same Dimension

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



61, 19.671, 325.365



75, 29.436, 325.583



61, 13.933, 345.108



33, 6.429, 324.921



35, 76.991, 328.234



2, 11.673, 324.440



# Inverse Universe

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



61, 19.671, 325.365



75, 29.436, 325.583



66, 13.637, 162.194



33, 6.429, 324.921



35, 76.991, 328.234

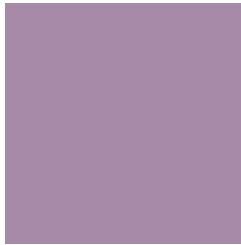


2, 11.673, 324.440



# Previews

## White Background



This preview shows how the CIELCh color 61, 19.673, 325.365 looks on a white background.

## Color Contrast Check

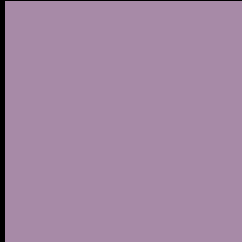
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the CIELCh color 61, 19.673, 325.365 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

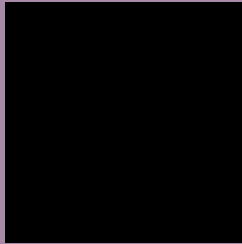
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# CIELCh 61, 19.673, 325.365

## Background



This preview shows how black text looks on a background with the CIELCh color 61, 19.673, 325.365.



This preview shows how white text looks on a background with the CIELCh color 61, 19.673, 325.365.

# 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, 19.673, 325.365

### Protanopia

61, 14.684, 286.216

### Deuteranopia

61, 12.890, 306.489

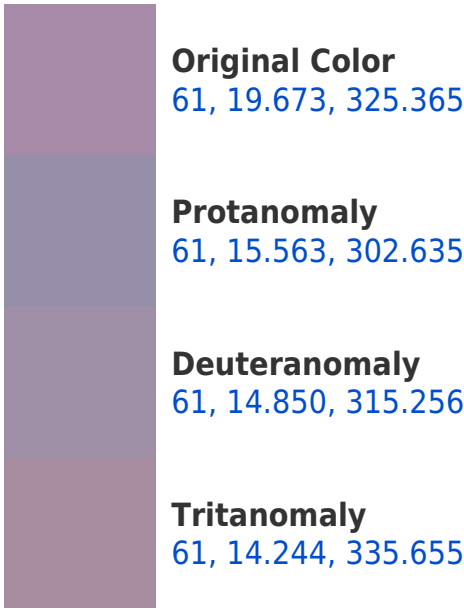




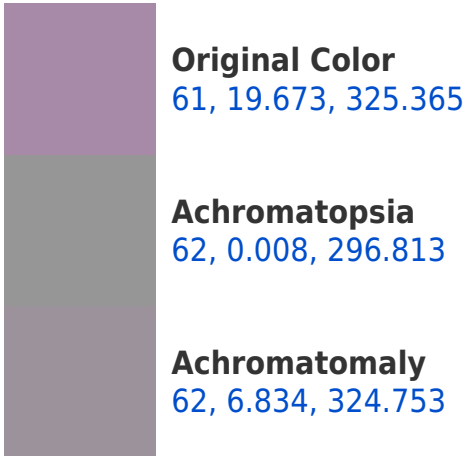
## Tritanopia

61, 11.221, 347.199

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 61, 19.673, 325.365 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(167, 138, 167)` looks like.

```
.text, #text, p{  
    color:rgb(167, 138, 167)  
}
```

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(167, 138, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 138, 167) }
```

## Border

The CSS property to change the border of an element to CIELCh 61, 19.673, 325.365 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(167, 138, 167) }
```

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

```
.border{ border-color:rgb(167, 138, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 138, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 138, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 138, 167);  
box-shadow:4px 4px 4px 4px rgb(167, 138,  
167) }
```

# Background

The CSS property to change the background color of an element to CIELCh 61, 19.673, 325.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 138, 167) }
```

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

```
.background{ background-color: rgb(167,  
138, 167) }
```

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