

# Converting Colors

CIELCh(61, 14.320, 325.127)

Have a look what the booklet for  
CIELCh(61, 14.320, 325.127)  
contains.

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# Color

**CIELCh(61, 14.303, 325.123)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A28DA2
RGB	162, 141, 162
RGB Percent	64%, 55%, 64%
CMY	0.3655, 0.4479, 0.3655
CMYK	0.00, 0.13, 0.00, 0.37
HSL	300°, 10%, 59%
HSV	300°, 13%, 63%
XYZ	30.8534, 29.2481, 38.1020
YIQ	149.6730, 5.7750, 10.9830

# Conversions

## Conversions Part 2

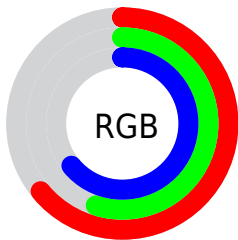
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 141, 162
Decimal	10653090
CIE <sub>Lab</sub>	61.00, 11.73, -8.18
CIE <sub>LCh</sub>	61, 14.303, 325.123
Yxy	29.2481, 0.3142, 0.2978
Android (android.graphics.Color)	4288843170 (0xFFA28DA2)
YUV	149.6730, 6.0772, 10.8108
Hunter-Lab	54.0815, 7.1912, -3.9144

# Details

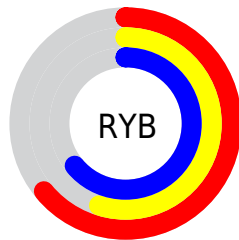
The CIELCh color  $61, 14.303, 325.123$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $64, 14.285, 143.687$ , and the grayscale version is  $62, 0.008, 296.813$ .

A 20% lighter version of the original color is  $81, 14.173, 324.978$ , and  $41, 13.899, 325.324$  is the 20% darker color. If you saturate the color by 10%, you get  $57, 25.384, 325.664$ , and if you desaturate by 10%, it is  $65, 3.263, 324.534$ .

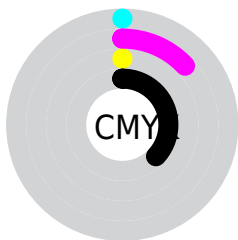
# Distribution



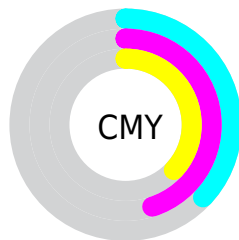
- Red (64%)
- Green (55%)
- Blue (64%)



- Red (64%)
- Yellow (55%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (37%)




- Cyan (37%)
- Magenta (45%)
- Yellow (37%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 14.303, 325.123 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, 14.303, 325.123 by changing the saturation by 10% instead.





 61, 14.303,  
325.123


 61, 14.303,  
325.123


 100, 14.303,  
325.123


 51, 14.303,  
325.123


 81, 14.303,  
325.123

 41, 14.303,  
325.123

 91, 14.303,  
325.123

 31, 14.303,  
325.123

 21, 14.303,  
325.123

 11, 14.303,  
325.123

 1, 14.303, 325.123

 0, 14.303, 325.123

61, 14.303,  
325.123

61, 14.303,  
325.123

57, 25.384,  
325.664

65, 3.263, 324.534

53, 36.323,  
326.187

70, 7.604, 144.101

49, 46.856,  
326.678

74, 18.221,  
143.569

46, 56.642,  
327.124

79, 28.542,  
143.069

43, 65.283,  
327.508

83, 38.548,  
142.595

41, 72.373,  
327.816

88, 48.233,  
142.149


40, 77.584,  
328.038


92, 57.602,  
141.729

39, 80.776,

92, 58.145,  
141.706

328.172

 92, 58.145,  
141.706

 38, 82.232,  
328.232

# Harmonies

# Complementary

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



61, 14.303, 325.123



64, 14.285, 143.687

# Rectangle

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



61, 14.303, 325.123



61, 14.303, 15.123



61, 14.303, 145.123



61, 14.303, 195.123

# Sweetspot

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



61, 14.301, 325.123



82, 5.407, 324.611



59, 11.698, 290.877



43, 3.836, 324.657



92, 0.011, 296.813



44, 0.006, 296.813





# Same Dimension

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



61, 14.301, 325.123



76, 21.759, 325.304



61, 10.211, 343.794



32, 6.267, 324.918



34, 76.021, 328.232



2, 9.704, 324.438



# Inverse Universe

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



60, 8.386, 20.193



75, 12.907, 20.467



65, 10.058, 161.731



32, 3.629, 19.903



30, 68.063, 39.264

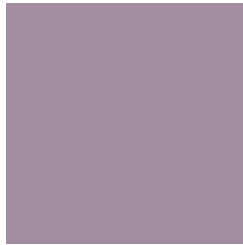


1, 5.464, 19.404



# Previews

## White Background



This preview shows how the CIELCh color 61, 14.303, 325.123 looks on a white background.

## Color Contrast Check

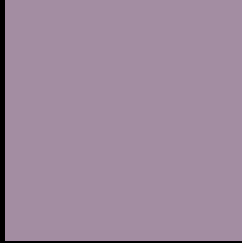
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.303, 325.123 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

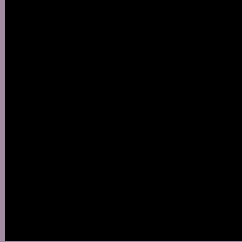
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# CIELCh 61, 14.303, 325.123

## Background



This preview shows how black text looks on a background with the CIELCh color 61, 14.303, 325.123.



This preview shows how white text looks on a background with the CIELCh color 61, 14.303, 325.123.

# 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, 14.303, 325.123


### Protanopia

61, 10.704, 289.406

### Deuteranopia

61, 11.161, 315.113





**Tritanopia**  
61, 9.640, 340.498

# Trichromacy



**Original Color**  
61, 14.303, 325.123

**Protanomaly**  
61, 11.616, 304.326

**Deuteranomaly**  
61, 12.173, 318.988

**Tritanomaly**  
61, 10.778, 333.577

# Monochromacy



**Original Color**  
61, 14.303, 325.123

**Achromatopsia**  
62, 0.008, 296.813

**Achromatomaly**  
61, 5.477, 324.681

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 61, 14.303, 325.123 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(162, 141, 162)` looks like.

```
.text, #text, p{  
    color:rgb(162, 141, 162)  
}
```

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(162, 141, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 141, 162) }
```

## Border

The CSS property to change the border of an element to CIELCh 61, 14.303, 325.123 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(162, 141, 162) }
```

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

```
.border{ border-color:rgb(162, 141, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 141, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 141, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 141, 162);  
box-shadow:4px 4px 4px 4px rgb(162, 141,  
162) }
```

# Background

The CSS property to change the background color of an element to CIELCh 61, 14.303, 325.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 141, 162) }
```

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

```
.background{ background-color: rgb(162,  
141, 162) }
```

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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