

# Converting Colors

CIELCh(61, 11.188, 331.603)

Have a look what the booklet for  
CIELCh(61, 11.188, 331.603)  
contains.

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# Color

**CIELCh(61, 11.188, 331.603)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A18E9D
RGB	161, 142, 157
RGB Percent	63%, 56%, 62%
CMY	0.3696, 0.4441, 0.3853
CMYK	0.00, 0.12, 0.02, 0.37
HSL	313°, 9%, 59%
HSV	313°, 12%, 63%
XYZ	30.3466, 29.2481, 35.8308
YIQ	149.3910, 6.5090, 8.6930

# Conversions

## Conversions Part 2

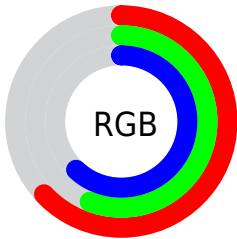
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 142, 157
Decimal	10587805
CIE Lab	61.00, 9.84, -5.32
CIE LCh	61, 11.188, 331.603
Yxy	29.2481, 0.3180, 0.3065
Android (android.graphics.Color)	4288777885 (0xFFA18E9D)
YUV	149.3910, 3.7512, 10.1811
Hunter-Lab	54.0815, 5.5183, -1.4245

# Details

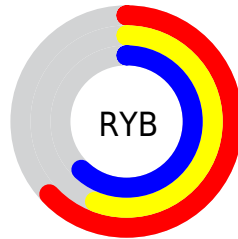
The CIELCh color  $61, 11.188, 331.603$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $64, 11.148, 150.151$ , and the grayscale version is  $62, 0.008, 296.813$ .

A 20% lighter version of the original color is  $81, 11.218, 331.075$ , and  $41, 11.022, 330.607$  is the 20% darker color. If you saturate the color by 10%, you get  $57, 20.741, 332.258$ , and if you desaturate by 10%, it is  $65, 1.709, 330.855$ .

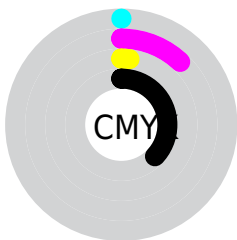
# Distribution



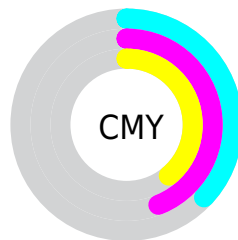
- Red (63%)
- Green (56%)
- Blue (62%)



- Red (63%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (37%)




- Cyan (37%)
- Magenta (44%)
- Yellow (39%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 11.188, 331.603 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, 11.188, 331.603 by changing the saturation by 10% instead.





 61, 11.188,  
331.603


 61, 11.188,  
331.603


 100, 11.188,  
331.603


 51, 11.188,  
331.603


 81, 11.188,  
331.603

 41, 11.188,  
331.603

 91, 11.188,  
331.603

 31, 11.188,  
331.603

 21, 11.188,  
331.603

 11, 11.188,  
331.603

 1, 11.188, 331.603

 0, 11.188, 331.603

61, 11.188,  
331.603

61, 11.188,  
331.603

57, 20.741,  
332.258

65, 1.709, 330.855

53, 30.224,  
332.930

70, 7.593, 150.454

49, 39.411,  
333.625

74, 16.665,  
149.871

46, 48.001,  
334.347

79, 25.480,  
149.330

42, 55.613,  
335.103

83, 34.027,  
148.820

40, 61.829,  
335.909

88, 42.310,  
148.338


38, 66.271,  
336.790


93, 50.337,  
147.884

37, 68.719,

93, 49.407,  
149.051

337.781

 93, 48.074,  
150.356

 36, 69.652,  
338.668

# Harmonies

# Complementary

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



61, 11.188, 331.603



64, 11.148, 150.151

# Rectangle

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



61, 11.188, 331.603



61, 11.188, 21.603



61, 11.188, 151.603



61, 11.188, 201.603

# Sweetspot

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



61, 11.186, 331.604



82, 4.669, 331.078



60, 10.866, 298.832



43, 3.312, 331.133



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, 11.186, 331.604



76, 16.444, 331.764



61, 8.123, 357.028



32, 5.414, 331.438



32, 64.782, 338.559



1, 8.081, 332.714



# Inverse Universe

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



61, 11.186, 331.604



76, 16.444, 331.764



65, 7.858, 174.937



32, 5.414, 331.438



32, 64.782, 338.559

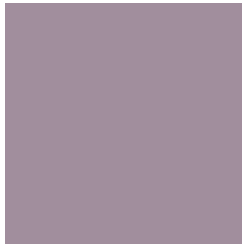


1, 8.081, 332.714



# Previews

## White Background



This preview shows how the CIELCh color 61, 11.188, 331.603 looks on a white background.

## Color Contrast Check

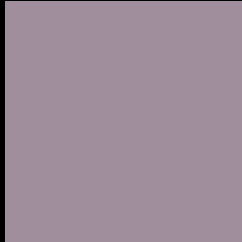
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.188, 331.603 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

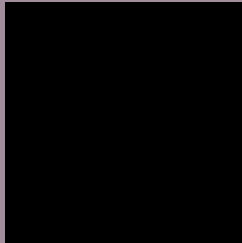
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# CIELCh 61, 11.188, 331.603

## Background



This preview shows how black text looks on a background with the CIELCh color 61, 11.188, 331.603.



This preview shows how white text looks on a background with the CIELCh color 61, 11.188, 331.603.

# 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, 11.188, 331.603


### Protanopia

61, 7.890, 291.061

### Deuteranopia

61, 9.570, 324.897





**Tritanopia**  
61, 9.346, 338.913

# Trichromacy



**Original Color**  
61, 11.188, 331.603

**Protanomaly**  
61, 8.899, 308.313

**Deuteranomaly**  
61, 9.790, 326.787

**Tritanomaly**  
61, 9.720, 336.417

# Monochromacy



**Original Color**  
61, 11.188, 331.603

**Achromatopsia**  
62, 0.008, 296.813

**Achromatomaly**  
61, 4.345, 328.820

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 61, 11.188, 331.603 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(161, 142, 157)` looks like.

```
.text, #text, p{  
    color:rgb(161, 142, 157)  
}
```

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(161, 142, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 142, 157) }
```

## Border

The CSS property to change the border of an element to CIELCh 61, 11.188, 331.603 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(161, 142, 157) }
```

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

```
.border{ border-color:rgb(161, 142, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 142, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 142, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 142, 157); box-shadow:4px 4px 4px 4px rgb(161, 142, 157) }
```

# Background

The CSS property to change the background color of an element to CIELCh 61, 11.188, 331.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 142, 157) }
```

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

```
.background{ background-color: rgb(161,  
142, 157) }
```

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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