

Converting Colors

CIELCh(61, 18.331, 312.378)

Have a look what the booklet for
CIELCh(61, 18.331, 312.378)
contains.

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Color

CIELCh(61, 18.114, 312.112)

Conversions

Conversions Part 1

Format	Color
Hex	9E8DAB
RGB	158, 141, 171
RGB Percent	62%, 55%, 67%
CMY	0.3805, 0.4471, 0.3295
CMYK	0.08, 0.18, 0.00, 0.33
HSL	274°, 15%, 61%
HSV	274°, 18%, 67%
XYZ	30.9648, 29.2481, 42.5284
YIQ	149.5030, 0.5020, 12.9340

Conversions

Conversions Part 2

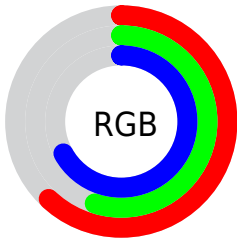
Format	Color
RYB	158, 141, 171
Decimal	10390955
CIELab	61.00, 12.15, -13.44
CIElCh	61, 18.114, 312.112
Yxy	29.2481, 0.3014, 0.2847
Android (android.graphics.Color)	4288581035 (0xFF9E8DAB)
YUV	149.5030, 10.5980, 7.4519
Hunter-Lab	54.0815, 7.5588, -8.7671

Details

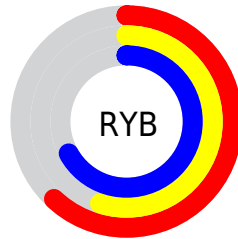
The CIELCh color $61, 18.114, 312.112$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $68, 17.753, 130.610$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 17.745, 312.416$, and $41, 18.063, 311.326$ is the 20% darker color. If you saturate the color by 10%, you get $56, 28.756, 312.581$, and if you desaturate by 10%, it is $66, 7.692, 311.659$.

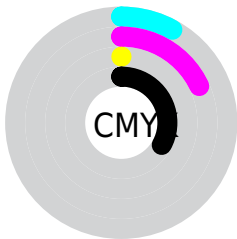
Distribution



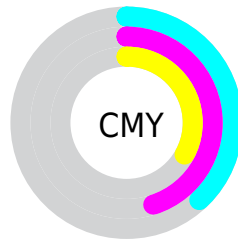
- Red (62%)
- Green (55%)
- Blue (67%)



- Red (62%)
- Yellow (55%)
- Blue (67%)



- Cyan (8%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)




- Cyan (38%)
- Magenta (45%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 18.114, 312.112 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, 18.114, 312.112 by changing the saturation by 10% instead.


 61, 18.114,
312.112


 61, 18.114,
312.112


 100, 18.114,
312.112


 51, 18.114,
312.112


 81, 18.114,
312.112

 41, 18.114,
312.112

 91, 18.114,
312.112

 31, 18.114,
312.112

 21, 18.114,
312.112

 11, 18.114,
312.112

 1, 18.114, 312.112

 0, 18.114, 312.112

61, 18.114,
312.112

61, 18.114,
312.112

56, 28.756,
312.581

66, 7.692, 311.659

51, 39.533,
313.060

71, 2.458, 131.316

46, 50.285,
313.525

76, 12.318,
130.902

42, 60.751,
313.936

81, 21.884,
130.561

37, 70.532,
314.239

87, 31.160,
130.260

34, 79.073,
314.355

92, 40.156,
129.993


31, 85.724,
314.192


95, 45.660,
128.831

29, 90.128,

96, 44.646,
125.667

313.702

 96, 43.773,
122.305

 28, 91.121,
313.583

Harmonies

Complementary

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



61, 18.114, 312.112



68, 17.753, 130.610

Rectangle

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



61, 18.114, 312.112



61, 18.114, 2.112



61, 18.114, 132.112



61, 18.114, 182.112

Sweetspot

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



61, 18.112, 312.111



85, 6.283, 311.547



63, 10.297, 263.120



45, 4.325, 311.579



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 18.112, 312.111



75, 26.918, 312.289



62, 19.587, 326.767



34, 5.852, 311.738



24, 82.862, 313.698



1, 11.975, 308.062

Inverse Universe

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



62, 13.771, 348.980



76, 20.462, 349.380



67, 19.564, 144.716



34, 4.446, 348.165



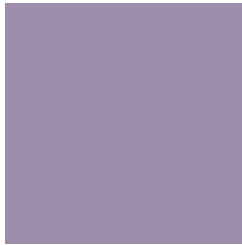
32, 56.960, 7.553



2, 8.820, 352.359

Previews

White Background



This preview shows how the CIELCh color 61, 18.114, 312.112 looks on a white background.

Color Contrast Check

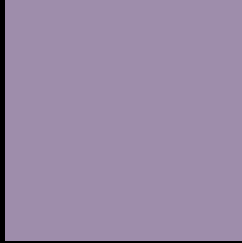
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.114, 312.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

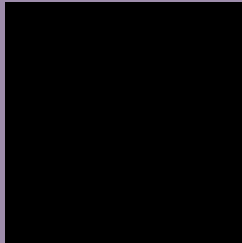
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 18.114, 312.112

Background



This preview shows how black text looks on a background with the CIELCh color 61, 18.114, 312.112.



This preview shows how white text looks on a background with the CIELCh color 61, 18.114, 312.112.

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, 18.114, 312.112

Protanopia

61, 15.802, 286.764

Deuteranopia

61, 14.862, 300.230



Tritanopia
61, 7.529, 324.793

Trichromacy



Original Color
61, 18.114, 312.112

Protanomaly
61, 16.447, 296.988

Deuteranomaly
61, 15.720, 305.273

Tritanomaly
61, 11.320, 316.881

Monochromacy



Original Color
61, 18.114, 312.112

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 6.628, 310.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 18.114, 312.112 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(158, 141, 171)` looks like.

```
.text, #text, p{  
    color:rgb(158, 141, 171)  
}
```

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(158, 141, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 141, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 18.114, 312.112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

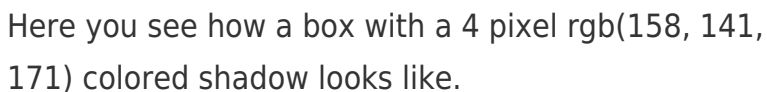
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 141, 171) }
```

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

```
.border{ border-color:rgb(158, 141, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 141, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 141, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 141, 171); box-shadow:4px 4px 4px 4px rgb(158, 141, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 18.114, 312.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 141, 171) }
```

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

```
.background{ background-color: rgb(158,  
141, 171) }
```

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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