

Converting Colors

CIELCh(61, 16.918, 305.652)

Have a look what the booklet for
CIELCh(61, 16.918, 305.652)
contains.

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Color

CIELCh(61, 16.918, 305.652)

Conversions

Conversions Part 1

Format	Color
Hex	998EAB
RGB	153, 142, 171
RGB Percent	60%, 56%, 67%
CMY	0.3983, 0.4414, 0.3276
CMYK	0.11, 0.17, 0.00, 0.33
HSL	263°, 15%, 62%
HSV	263°, 17%, 67%
XYZ	30.3516, 29.2481, 42.7990
YIQ	148.5950, -2.7530, 11.3510

Conversions

Conversions Part 2

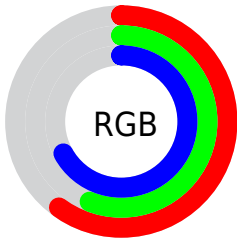
Format	Color
RYB	153, 142, 171
Decimal	10063531
CIELab	61.00, 9.86, -13.75
CIElCh	61, 16.918, 305.652
Yxy	29.2481, 0.2964, 0.2856
Android (android.graphics.Color)	4288253611 (0xFF998EAB)
YUV	148.5950, 11.0457, 3.8632
Hunter-Lab	54.0815, 5.5350, -9.0638

Details

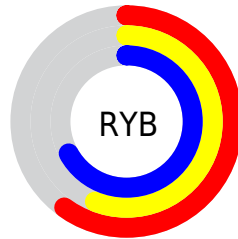
The CIELCh color $61, 16.918, 305.652$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $69, 16.439, 123.897$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 16.490, 305.003$, and $41, 16.938, 305.647$ is the 20% darker color. If you saturate the color by 10%, you get $56, 27.338, 306.273$, and if you desaturate by 10%, it is $66, 6.812, 305.086$.

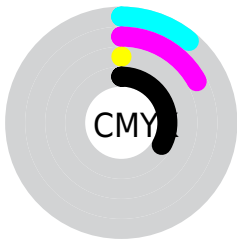
Distribution



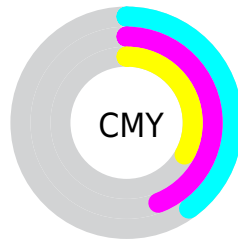
- Red (60%)
- Green (56%)
- Blue (67%)



- Red (60%)
- Yellow (56%)
- Blue (67%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (33%)





- Cyan (40%)
- Magenta (44%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 16.918, 305.652 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, 16.918, 305.652 by changing the saturation by 10% instead.


 61, 16.918,
305.652


 61, 16.918,
305.652


 100, 16.918,
305.652


 51, 16.918,
305.652


 81, 16.918,
305.652

 41, 16.918,
305.652

 91, 16.918,
305.652

 31, 16.918,
305.652

 21, 16.918,
305.652

 11, 16.918,
305.652

 1, 16.918, 305.652

 0, 16.918, 305.652

61, 16.918,
305.652

61, 16.918,
305.652

56, 27.338,
306.273

66, 6.812, 305.086

50, 38.036,
306.951

72, 2.966, 124.624

45, 48.920,
307.667

77, 12.420,
124.170

40, 59.805,
308.388

83, 21.563,
123.788

35, 70.353,
309.052

88, 30.408,
123.456

31, 79.998,
309.563

93, 38.973,
123.170


27, 87.934,
309.786

96, 43.213,
120.845

25, 93.437,

97, 42.356,
115.583

309.612

 98, 41.898,
110.056

 24, 94.973,
309.565

Harmonies

Complementary

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



61, 16.918, 305.652



69, 16.439, 123.897

Rectangle

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



61, 16.918, 305.652



61, 16.918, 355.652



61, 16.918, 125.652



61, 16.918, 175.652

Sweetspot

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



61, 16.916, 305.651



85, 6.052, 304.987



65, 8.746, 241.690



45, 4.166, 305.024



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, 16.916, 305.651



75, 24.790, 305.857



62, 18.841, 321.539



34, 5.643, 305.217



20, 86.157, 309.676



1, 11.633, 302.152

Inverse Universe

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



62, 15.040, 338.927



77, 21.967, 339.208



68, 18.739, 139.903



34, 5.048, 338.320



33, 59.704, 350.638



2, 9.880, 342.323

Previews

White Background



This preview shows how the CIELCh color 61, 16.918, 305.652 looks on a white background.

Color Contrast Check

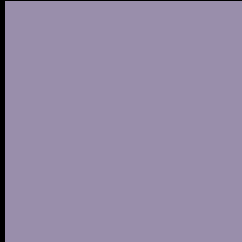
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.918, 305.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

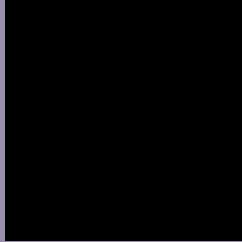
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 16.918, 305.652

Background



This preview shows how black text looks on a background with the CIELCh color 61, 16.918, 305.652.



This preview shows how white text looks on a background with the CIELCh color 61, 16.918, 305.652.

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, 16.918, 305.652

Protanopia

61, 15.802, 286.764

Deuteranopia

61, 15.419, 299.959



Tritanopia
61, 6.636, 310.918

Trichromacy



Original Color
61, 16.918, 305.652

Protanomaly
61, 15.793, 293.215

Deuteranomaly
61, 16.115, 302.291

Tritanomaly
61, 10.624, 307.619

Monochromacy



Original Color
61, 16.918, 305.652

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.849, 305.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 16.918, 305.652 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(153, 142, 171)` looks like.

```
.text, #text, p{  
    color:rgb(153, 142, 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(153, 142, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 142, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 16.918, 305.652 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(153, 142, 171) }
```

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

```
.border{ border-color:rgb(153, 142, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 142, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 142, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 142, 171);  
box-shadow:4px 4px 4px 4px rgb(153, 142,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 16.918, 305.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 142, 171) }
```

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

```
.background{ background-color: rgb(153,  
142, 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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