

Converting Colors

CIELCh(61, 38.369, 302.553)

Have a look what the booklet for
CIELCh(61, 38.369, 302.553)
contains.

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Color

CIELCh(61, 38.324, 302.539)

Conversions

Conversions Part 1

Format	Color
Hex	9A89CC
RGB	154, 137, 204
RGB Percent	60%, 54%, 80%
CMY	0.3949, 0.4616, 0.1988
CMYK	0.24, 0.33, 0.00, 0.20
HSL	255°, 40%, 67%
HSV	255°, 33%, 80%
XYZ	33.3076, 29.2481, 61.2137
YIQ	149.7210, -11.3750, 24.4410

Conversions

Conversions Part 2

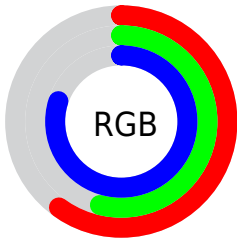
Format	Color
RYB	154, 137, 204
Decimal	10127820
CIELab	61.00, 20.61, -32.31
CIElCh	61, 38.324, 302.539
Yxy	29.2481, 0.2691, 0.2363
Android (android.graphics.Color)	4288317900 (0xFF9A89CC)
YUV	149.7210, 26.7595, 3.7527
Hunter-Lab	54.0815, 15.2913, -29.2520

Details

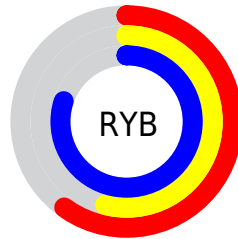
The CIELCh color $61, 38.324, 302.539$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 35.719, 118.011$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 35.334, 303.242$, and $41, 38.623, 302.351$ is the 20% darker color. If you saturate the color by 10%, you get $55, 50.858, 303.508$, and if you desaturate by 10%, it is $67, 26.164, 301.667$.

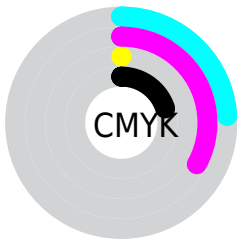
Distribution



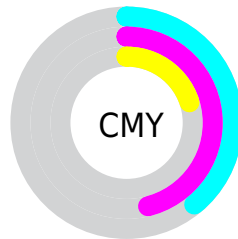
- Red (60%)
- Green (54%)
- Blue (80%)



- Red (60%)
- Yellow (54%)
- Blue (80%)



- Cyan (24%)
- Magenta (33%)
- Yellow (0%)
- Black (20%)





- Cyan (39%)
- Magenta (46%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 38.324, 302.539 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, 38.324, 302.539 by changing the saturation by 10% instead.


 61, 38.324,
302.539


 61, 38.324,
302.539


 100, 38.324,
302.539


 51, 38.324,
302.539


 81, 38.324,
302.539

 41, 38.324,
302.539

 91, 38.324,
302.539

 31, 38.324,
302.539

 21, 38.324,
302.539

 11, 38.324,
302.539

 1, 38.324, 302.539

 0, 38.324, 302.539

61, 38.324,
302.539

61, 38.324,
302.539

55, 50.858,
303.508

67, 26.164,
301.667

48, 63.647,
304.553

74, 14.425,
300.897

42, 76.410,
305.624

80, 3.108, 300.217

37, 88.589,
306.621

87, 7.800, 119.648

93, 18.319,
119.142

32, 99.221,
307.385

98, 25.844,
115.883

29, 107.010,
307.716

99, 25.578,
108.237

27, 110.789,
307.722

Harmonies

Complementary

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



61, 38.324, 302.539



79, 35.719, 118.011

Rectangle

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



61, 38.324, 302.539



61, 38.324, 352.539



61, 38.324, 122.539



61, 38.324, 172.539

Sweetspot

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



61, 38.323, 302.539



92, 13.422, 300.707



73, 18.518, 227.930



48, 9.181, 300.807



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 38.323, 302.539



70, 55.172, 303.178



64, 41.193, 318.706



40, 6.344, 300.656



21, 94.678, 307.842



2, 23.804, 298.957

Inverse Universe

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



65, 36.750, 334.737



76, 52.042, 335.250



77, 40.403, 135.636



40, 6.314, 333.063



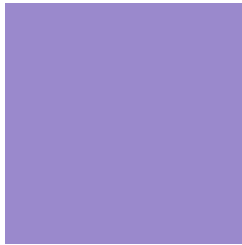
37, 69.054, 341.480



5, 23.592, 338.139

Previews

White Background



This preview shows how the CIELCh color 61, 38.324, 302.539 looks on a white background.

Color Contrast Check

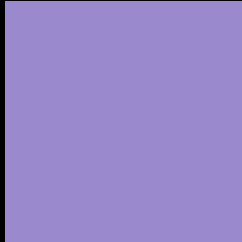
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.324, 302.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

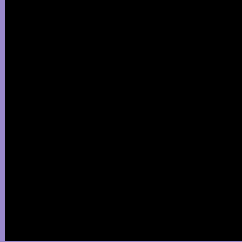
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 38.324, 302.539

Background



This preview shows how black text looks on a background with the CIELCh color 61, 38.324, 302.539.




This preview shows how white text looks on a background with the CIELCh color 61, 38.324, 302.539.

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





Tritanopia
61, 6.764, 290.938

Trichromacy



Original Color
61, 38.324, 302.539

Protanomaly
61, 37.178, 291.274

Deuteranomaly
61, 34.371, 292.279

Tritanomaly
61, 18.227, 298.916

Monochromacy



Original Color
61, 38.324, 302.539

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 14.352, 301.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 38.324, 302.539 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(154, 137, 204)` looks like.

```
.text, #text, p{  
    color:rgb(154, 137, 204)  
}
```

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(154, 137, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 137, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 38.324, 302.539 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(154, 137, 204) }
```

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

```
.border{ border-color:rgb(154, 137, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 137, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 137, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 137, 204);  
box-shadow:4px 4px 4px 4px rgb(154, 137,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 38.324, 302.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 137, 204) }
```

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

```
.background{ background-color: rgb(154,  
137, 204) }
```

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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